UNIVERSAL
LIBRARY
OU_174058
UNIVERSAL
LIBRARY

The Bombay University Bulletin

August 1943

Please see page 95.

Volume IV
Number 1

Annual Subscription :
Rupee One, Post Free

EDITOR: SHEWAK BHOJRAJ

Bombay University Bulletin

The Bombay University Bulletin is an official organ of the University of Bombay. It is issued in August, November and March, and gives news of the University and of the Colleges, Schools and other institutions, affiliated to or otherwise connected with it. It also gives important news of other Universities and maintains contact with the general public.

Colleges and Schools

Affiliated Colleges and Recognised Schools are requested to furnish the Editor with important items of news concerning their administration. The Editor will welcome short accounts of any special amenities, such as additional hostels, library accommodation, provision for teaching new courses, announcements of benefactions to be made and other matters of general and public interest. Colleges may also intimate changes in their staffs.

Students and their Parents and Guardians

Principals and Head Masters will please note that this *Bulletin* is intended for them, as well as for the Teachers and students of the Colleges and Schools. They are, therefore, requested to place it in the Reading Room or the Library or at any other place easily accessible to all. Teachers and students should be encouraged to read the *Bulletin* so that they may come into direct touch with the activities of the University. Parents and Guardians of students would do well to subscribe to the *Bulletin* in the interests of the education of their children or wards.

Subscription Rates

The annual subscription of the *Bulletin* is Rupee One, inclusive of postage charges. The price of a single copy is Eight Annas, excluding postage. Remittances in cash or by cheques, postal orders or money orders should be made to the Registrar, University of Bombay. Postage stamps will *not* be accepted.

Advertisements

Advertisements in the *Bulletin* will be accepted from the following classes of advertisers only: 1. Publishers, 2. Dealers in Sports Goods, 3. Insurance Companies, 4. Dealers in Science Apparatus and 5. Watch Makers. *Full page*, Rs. 25; *Half page*, Rs. 15; *Quarter page*, Rs. 10. Higher rates for special positions.

All communications should be addressed to :

The Editor,

Bombay University Bulletin,

University of Bombay,

Fort, BOMBAY

The Bombay University Bulletin

Vol. IV; No. 1 *Editor* : Shewak Bhojraj August 1943

CONTENTS

No.	Particulars	Page
1.	Editorial Notes :	
	i. Ourselves	3
	ii. Government Control Over the Affiliated Colleges	3
	iii. New Diplomas of the University	5
	iv. University Departments	5
	v. Text-Books for Schools and Colleges	6
	vi. Plan for an International Educational Organisation ...	7
2.	Obituary :	
	i. Professor S. G. Beri	8
	ii. Major C. Fernandez	8
3.	University News :	
	i. Important Dates	9
	ii. Senate Meetings	10
	iii. Donations to the University	11
	iv. Honoured Guests	12
	v. Grants for Research	12
	vi. Routine Inspection of Colleges and Schools	12
	vii. University Examinations	12
	viii. Examination Centres	14
	ix. Equivalence of Examinations	14
	x. Compartmental and Supplementary Examinations	14
	xi. Lectures on Gujarati Folk Literature	15

No.	Particulars	Page
4.	Elections, Nominations, Appointments and Vacancies ...	16
5.	Statutes, Ordinances and Regulations	20
6.	University Budget Estimates	42
7.	Budget Notes	43
8.	Award of Grants	49
9.	Examination Results	50
10.	Scholarships and Prizes	51
11.	Degrees by Theses	61
12.	Students Debarred from Appearing at Examinations ...	64
13.	University Examinations, 1943-44	66
14.	University Library	68
15.	Professional Courses and Examinations	70
16.	Around the Recognised Schools	74
17.	Around the Affiliated Colleges	80
18.	Changes in the Staffs of Colleges	85
19.	University of Bombay Teachers' Association	90
20.	Around Other Universities	92
21.	News of General Interest	97
22.	Prominent Personalities	104
23.	Prize Competitions	107
24.	Acknowledgments	108
25.	Public Notices of Vacancies	109

Editorial Notes

Ourselves

The *Bulletin* enters its fourth year with this issue, and its smaller size this time is due to the paper shortage difficulty which by now is well known and understood, and which we hope our readers will appreciate. All important items of news, however, have been incorporated as usual.

It is gratifying that the *Bulletin* has been found to be useful, if one were to judge by the opinions contained in a number of letters, which continue to pour in. Nevertheless, we are doubtful if it does reach its proper clientele at all. Many a professor, teacher and student has, on occasions, shown ignorance about the very existence of the *Bulletin*. We wonder why this is so.

May we repeat our suggestion to the Heads of Schools and Colleges to subscribe to two copies at least : one for the general use of students and another for the perusal of teachers and for official records, as certain institutions have been doing since the inception of the *Bulletin*? The idea is that it should be easily accessible to them and that they should be encouraged to go through its pages.

We have individual subscribers too, and their number should really increase. We believe that it could and would increase if only people came to know about the *Bulletin* and about its utility. Its annual subscription is only Rupee One, which every one interested in education can conveniently afford to pay. It is hoped the students will bring this to the notice of their parents and guardians.

The pages of the *Journal of the University of Bombay* have also been reduced from 200 to 100 in each issue for obvious reasons. Contributors to the *Journal* and readers of both the *Bulletin* and *Journal* will kindly bear with us through these trying times. We are hopefully awaiting better times!

Government Control over the Affiliated Colleges

The following proposition moved by Sir Chimanlal H. Setalvad was adopted by the Senate at their last meeting :—

" The Senate view with apprehension the attempt on the part of the Director of Public Instruction to exercise control and supervision over affiliated Colleges that are not maintained or aided by Government, by requiring them to submit weekly reports on ' the discipline of the institution,' under various detailed heads including ' the attendance and conduct of the staff.' When affiliation is granted by Government under Section 39 of the Bombay University Act to a college, the Government is *functus officio* and the control and supervision over it thereafter vests in the University to the extent prescribed

in the Bombay University Act, while the day to day management and administration rests with its proprietors (Government or private body as the case may be), and Government may prescribe reasonable and appropriate conditions for giving their grants to aided colleges.

"The Senate request Government to instruct the Director of Public Instruction not to make requisitions of the character mentioned above in the future.

"The Senate regret that the Director of Public Instruction should have deprived scholars holding Government scholarships at the H. L. Commerce College, Ahmedabad, of their scholarships as a measure of retaliation because the Principal declined to furnish weekly reports regarding the discipline of the institution including the attendance and conduct of the staff."

Tracing the history of the question, which arose in August last year, Sir Chimanlal referred to the two circulars issued by the Director of Public Instruction on the discipline of the institutions and the order issued by him stating that certain students of Ahmedabad would not get their scholarships unless their Principal agreed to answer certain questions. Later, the order was modified.

The contention of the Director of Public Instrutcion was that the order was justified under the University Act. Sir Chimanlal contended that Government might require some information from aided colleges, but not of the character required by the Director of Public Instruction in this instance. As regards colleges that received no grants-in-aid, Government had no power to make any requisition. The more free the University and colleges were from Government control the better it would be for higher education. This fact, Sir Chimanlal said, was stressed by Sir Alexander Grant, who was Director of Public Instruction and Vice-Chancellor of the University in 1866-67, while bidding farewell to Sir Bartle Frere, the then Governor of Bombay.

Sir Chimanlal then referred to an incident in 1908, when Sir George Clarke, Governor of Bombay, tried to interfere with the affairs of the University and wanted the Matriculation Examination to be abolished. It was only after Lord Willingdon became Governor that the matters were amicably settled and cordial relations between Government and the University were re-established.

In 1920, when Sir Chimanlal himself was the Vice-Chancellor and Sir George Lloyd, the Governor of Bombay, Government wrote a letter asking the University clock to be set right by a certain date, failing which Government would take measures to do it. The Syndicate of the University replied that the clock was the property of the University and any interference with that property would not be tolerated.

In the course of his speech, Sir Chimanlal observed, " This University has always rightly stood up for its own autonomy and that of its affiliated colleges, and it must do the same on this occasion."

New Diplomas of the University

Diploma in Military Studies: The Department of Military Studies, started by the University this year, will impart both theoretical and practical military instruction to students who wish eventually to adopt the Army as a career, and will prepare them for a Diploma in Military Studies. Admission to the Diploma course, extending over two years, is open only to those who have passed the Matriculation Examination of the University or an examination recognised as equivalent to it. Besides satisfactorily completing the course of instruction prescribed by the University, the Diploma holders will have to take the "A" and "B" Certificates issued by the Military Authorities.

Brigadier S. A. H. Hungerford, who has been appointed as Director of the Department, will be assisted in this work by certain selected Officers of the Bombay University Training Corps. Last year some of them underwent a course of Military training in an Officers' Training Camp. These Officers may give occasional lectures in Special Military Subjects. The Department has been housed in the building of the Nowrosjee Wadia College, Poona, for the time being, both on account of the greater facilities available for practical work in Poona and the lack of suitable accommodation in Bombay.

Diploma in Librarianship: Another Diploma instituted by the University this year is the Diploma in Librarianship, to be awarded to such persons as undergo the prescribed course and pass the qualifying examination for the same. This course also is open only to those who have passed the Matriculation Examination of the University or an examination recognised as equivalent to it. The Examination for the Diploma will consist of both written and practical examinations for which the candidates will have to appear simultaneously.

A candidate for this Examination will have to keep four terms in the Diploma Class in Librarianship conducted by the University and will have to complete the prescribed course of practical work (twelve hours a week) to the satisfaction of the University Library Committee. A candidate who enters upon the course for this Diploma after acquiring five or more years' experience of work in a Library approved by the University Library Committee, or after passing the Degree Examination in Arts, Science or Commerce of this University, will be required to keep only two terms. Graduates will be required to do fifteen hours of practical work per week and candidates with the necessary experience six hours a week.

University Departments

Department of Chemical Technology: Three important sections—Pharmaceuticals and Fine Chemicals, Chemistry of Foods and Drugs and Technology of Intermediates and Dyes have this year been instituted in the Department in addition to the sections of Textile Chemistry and Chemical Engineering. Courses of studies in each of the three new sections will lead to the Degree of B.Sc. Tech. of the University.

These sections have been equipped on a scale comparable with the Textile Chemistry and Chemical Engineering sections and possess adequate facilities for advanced study and research.

The Pharmaceuticals and Fine Chemicals section owes its origin to an endowment of Rs. 2,00,000 from the Sir Dorabji Tata Trust and an endowment of Rs. 40,000 from Miss Baimai Palamkote. An annual recurring grant of Rs. 34,000 recently sanctioned for the Department by the Government of Bombay has enabled the University to proceed simultaneously with the organisation of the Chemistry of Foods and Drugs section.

Special interest attaches to the new section of Technology of Intermediates and Dyes, towards the establishment of which the Council of Scientific and Industrial Research of the Government of India is making an annual grant of a substantial amount. The importance of research in the chemistry and technology of coal tar dyes may be judged by the steps taken by the British Government at the end of the last War, as a result of their realisation that synthetic dyes constituted a key industry on which nearly every branch of the chemical industry depended in one way or another. This section has actually been created in advance of the Indian dyestuff industry and will, in fact, assist in its development.

Department of Economics : The University accepted at the beginning of this year a donation of three and a half per cent. Government Paper of the face value of Rs. 30,000, yielding a net income of Rs. 1,000 a year from the Sir Dinshaw Wacha Memorial Fund Committee for founding a Research Fellowship in Economics in the University Department of Economics (*vide* an Editorial Note in the last issue of the *Bulletin*).

According to the terms and conditions of the Committee, the Fellowship is to be in addition to similar Fellowships which the University at present maintains in the Department or may institute hereafter. The appointment of the Fellow will be made by the Syndicate on the recommendations of the Head of the Department of Economics, and the selected candidate will have taken the M.A. Degree in Economics or an equivalent Degree of any recognised Indian Univeristy. The appointment of the Fellow will be for a period of one year in the first instance, but it may be renewed for another year.

Text-Books for Schools and Colleges

The need for paper economy poses new problems for the class-room. There are many standard text-books whose continued use in schools does not detract from their value. And a less frequent change of books contributes a great deal at the present time to the solution of the problem of paper shortage. Forbearance on these lines may also help secure adequate paper for books and stationery for the more indispensable work of the class-room.

In view of the present high prices of school and college books and the consequent rise in the already heavy cost of education, the Central Advisory Board of Education has recommended that the copyright of books approved by the Text-Books Committee should be purchased by the Government and that thereafter the books may be printed by any firm like non-copyright classical works. The Board also suggests that the maximum price of these books should be fixed by the Government.

The Government of Bombay, none the less, have permitted an increase of 40 per cent. in the prices of middle school and upper primary text-books and 45 per cent. in those of primary school text-books. However, no increase in price has been permitted in the case of those text-books which have already been published (with a specific price put on them) either as reprints or as fresh editions and which have already been sanctioned for the schools.

Newspapers cannot do without newsprint, but book-publishers can and do resort to indigenous paper. Incursions into the available stocks of indigenous printing paper still further strain the paper resources of the country. Slates are equally valuable in the class-room as paper-savers.

Plan for an International Educational Organisation

A plan to establish a " United National University " in London is being discussed by certain eminent professors and educationists from the Allied countries. The main design of the University would be to help students from all over the world to carry on their studies, against an international rather than a purely national background. Freedom of thought and expression would be assured.

The purposes of the new organisation would include the interchange of information among nations about educational methods and procedure ; providing for instructional material " free from narrowly nationalistic prejudices ; " encouragement of the democratic ideal of equality of opportunity through education ; providing technical experts to nations wishing to improve their educational programmes ; guarding against any country's using education " as an instrument for poisoning the minds of the people, or fostering hatred, theories of racial superiority and support of war-like aggressiveness."

It is planned to invite the most eminent professors from universities all over the world to go to London for short periods, thus giving students an opportunity of hearing lectures by the most important men in every field of learning. Wider utilisation of scholarship awards, sufficient to cover travelling and all other necessary expenses, is being considered. A proposal that the new University should depart from the usual practice and not issue Degrees is also under consideration.

Obituary

Professor S. G. Beri

(*Passed Away on April 20, 1943*)

The late Professor S. G. Beri was an Ordinary Fellow of the University from 1932-37 and a co-opted member of the Faculty of Arts till his death. He was also a member of the Boards of Studies in History, and Economics and Commerce.

The late Professor Beri was a Professor of Economics and had a brilliant career as a student. He was at first appointed Professor of Economics at the Elphinstone College, and was subsequently transferred to the Deccan and Karnatak Colleges. About eleven years ago, he was appointed Professor of Economics at the Sydenham College.

He was a member of the Rent Inquiry Committee and the Prohibition Research Board. He took a keen interest in the co-operative movement, and was a member of the Bombay Provincial Co-operative Institute and of the Social Service League. He was the joint author of several books on Economics, including *Indian Economics* and *Principles of Economics*. He recently published a review on Price Control in India.

Major Cajetan Fernandez

(*Passed Away on July 30, 1943*)

The late Major Cajetan Fernandez passed away at the age of 76 years. He was a member of the former Bombay Legislative Council and an Ordinary Fellow of the University, and was for over thirty years Professor of Skin Diseases at the Grant Medical College.

During the last War, he was given a Commission in the I. M. S. and was in charge of the Marine Lines War Hospital. He took a keen interest in sports and was the founder of the Catholic Gymkhana. He was also the founder, and the first President, of the Canara Catholic Association.

University News

Important Dates

August **4.** Last date for the receipt of applications for the M.D., M.S., D.P.H. and D.Hy. Examinations.

9. Last day for notifying subjects and for receiving Essays for the Homejee Cursetjee Dady, Karsandas Mulji, Dossabhoy Hormusji Cama (for notifying only), Sir George Le Grand Jacob, Ashburner, Narayan Mahadev Parmanand Prizes, and Manockji Limjee, Vishvanath Narayan Mandlik, Pandit Bhagwanlal Indraji Gold Medals.

17. Annual Convocation for conferring Degrees in the Sir Cowasji Jehangir Convocation Hall of the University. Candidates wishing to receive their Degrees in person must be in attendance at the University Library Buildings at 4 p.m. (S.T.) and must provide themselves with the academic costume prescribed for the Degree to which they seek admission. His Excelleney Sir John Colville, Chancellor of the University, will deliver the Convocation Address.

18. University Senate Meeting.

September **1.** Last date for the receipt of applications for the B.A. (Pass) and B.Sc. (Subsidiary) Examinations.

6. Last date for the receipt of applications for the D.O. Examination.

15. First term in Technology (for Agricultural Students) ends.

20. Last date for the receipt of applications for the M.Sc. and Ph. D. (French or German) Translation Test, B.Com., First LL.B., Second LL.B. and B.E. Examintions.

21. Last date for the receipt of applications for the First, Second and Third M.B., B.S. Examinations.

October **1.** Second term in Technology (for Agricultural Students) begins.

4. B.A. (Pass), B.Sc. (Subsidiary), M.D., M.S., D.P.H., D.Hy. and D.O. Examinations begin.

October **10.** First term in Arts, Science, Technology (except Agriculture), Law and Medicine (for new students) ends. Last date for the receipt of intimations from candidates who select the Special Groups in Mathematics for Papers VII and VIII at the M.A. and M.Sc. Examinations.

11. First LL.B., Second LL.B., B.E. (Civil, Mechanical and Electrical), M.Sc. (French or German) Translation and B.Com. Examinations begin.

12. First, Second and Third M.B., B.S. Examinations begin.

Senate Meetings

Two meetings of the University Senate were held on June 17, one at 1 p.m. and the other at 2-50 p.m., after the conclusion of the business of the first meeting, and continued on June 18, at 1 p.m.

Before taking up the agenda, the Vice-Chancellor explained to the Senate the reason why he had decided to convene two meetings of the Senate, one after the other. He pointed out that this was necessary in view of Statute 13 which laid down that at every meeting of the Senate the business to be entertained shall be taken in certain order. According to this Statute, no item other than that of election could be disposed of before the consideration of the Budget even by bringing a forward motion for a change in the order of business. That Statute gave preference to the Budget over all items. The question of the institution and revival of the teaching posts in the University Departments could not, therefore, be taken up before the consideration of the Budget.

It had been pointed out to him that to take up the question of instituting the posts after the Budget was disposed of would not be quite logical, because the Budget provision having already been made for the posts, it would be awkward for the Senate, after passing the Budget provision, to decide against instituting the posts. Although this argument was not quite correct, still there was something to be said for it from a strictly formal point of view; hence the Vice-Chancellor had decided, in consultation with the Syndicate, that the institution and the revival of the teaching posts should form the subject of discussion on the agenda of a separate meeting which should be convened before the Budget Meeting.

At the first meeting :

(i) Two Lectureships in Economics in the Department of Economics, and two in Sociology in the Department of Sociology, were *instituted* ;

(ii) The Post of Reader in Dyeing and Printing in the University Department of Chemical Technology, which was held in abeyance by a resolution of the Senate passed in February 1939, was *revived* with effect from August 1, 1943 ;

(iii) The following new Teaching posts in the Department of Chemical Technology were *instituted*—

1. Singhanee Lecturer in Industrial Optics (*in lieu* of the post of Research Assistant in Optics);
2. Singhanee Lecturer in General Engineering (*in lieu* of the post of Demonstrator in General Engineering and Drawing);
3. Singhanee Lecturer in Pharmacy;
4. Lecturer in the Chemistry of Foods and Drugs.

At the Second meeting, the following important items of business, besides others, were considered and disposed of as mentioned:

(i) The Annual Financial Statement, including the Budget Estimates for 1943-44 and the Revised Estimates for 1942-43, was considered, adopted and passed with certain amendments. (Details appear on page 42).

(ii) Sir Chimanlal H. Setalvad's proposal regarding the attempt of the Director of Public Instruction to exercise control and supervision over affiliated colleges not maintained or aided by Government, was adopted. (The complete proposition has been given in the *Editorial Notes*, page 3).

(iii) The Ordinances and Regulations passed respectively by the Syndicate and the Academic Council since the meeting of the Senate held in February 1943 (Pamphlets 8, 9 and 10, published on page 20) were considered and passed, with the exception of Ordinance 80 (in Pamphlet 10) which was referred back to the Syndicate.

(iv) The offer of Rs. 10,000 in Government Promissory Notes, made by Mr. L. B. Bhopatkar, on behalf of the friends and admirers of Mr. N. C. Kelkar, for founding a Gold Medal in the name of Mr. N. C. Kelkar, to be awarded to the candidate obtaining highest of marks or the highest distinction, in Marathi at the M.A. Examination, and the annual recurring grant-in-aid of Rs. 34,000, sanctioned by the Government of Bombay to the University for its Department of Chemical Technology, were accepted with thanks.

Donations to the University

The University has received donations of Rs. 1,500 each for Championship Trophies for the Inter-Collegiate Sports from Messrs. Narondass Manordass and C. H. Bhabha to be named respectively as "The Narondass Championship Trophy" and "The Khan Bahadur Hormasji Khorshedji Bhabha Championship Trophy."

An offer of Rs. 1,00,000 for starting and maintaining Department of Paints, Varnishes and Plastics in the Department of Chemical Technology has been received by the University from the Trustees of the estate of the late Rao Bahadur Poonamchand Karamchand Kotawala.

The Bronze Bust of the late Dr. Bhagwanlal Indraji, offered by the Gujarat Research Society, has been accepted by the University, and the Bust will be placed in the University Library.

Honoured Guests

Mr. William Philips, President Roosevelt's Special Envoy in India, visited the University on March 9, and saw Mr. B. J. Wadia, Vice-Chancellor, and Professor C. N. Vakil, Administrative Head of the Departments of Economics and Sociology.

The members of the Chinese Educational Mission, including its leader Dr. Y. H. Ku, visited the Department of Chemical Technology and the University Library on March 23, and were received by Mr. B. J. Wadia, Vice-Chancellor, Dewan Bahadur K. M. Jhaveri and Mr. S. R. Dongerkery, Registrar.

Grants for Research

The University has decided to reserve a part of the Research Fund annually for the purposes of research work on selected subjects of special problems in the branches of Arts, Science and Medicine.

Routine Inspection of Colleges and Schools

For the duration of the War, the University has decided not to hold the routine inspection of Colleges and Schools except for the purposes of their affiliation, renewal or extension of affiliation, recognition or renewal of recognition.

University Examinations

Owing to want of facilities for printing the question-papers in Bengali, Tamil and Telugu at any of the Centres for the Matriculation Examination, the question-papers in these languages were set in manuscript at the Bombay Centre only.

The operation of Ordinance 158A, granting exemptions to candidates from Burma, Malaya, etc., from a Classical or a Modern Indian Language at the Matriculation Examination has been extended to the year 1944.

The amended Regulation 75D was applied retrospectively to the T.D. Examination of 1942, so that the candidates who obtained 50 per cent. in either of the sections got the advantage of the amended Regulation for the purpose of exemption from either section of Part I.

Certain Intermediate Arts students of the D. J. Sind College, Karachi, were permitted to claim exemption from Logic in anticipation of their passing the Lower Certificate Examination as a special case this year, owing to the disbandment of the Karachi U. T. C. Company.

Candidates who, under the old Regulation, have obtained exemption from the subject of Agricultural Engineering at the S.Sc. (Agri.) Examination, have been exempted from the subject of Agreiultural Engineering at the B.Sc. (Agri.) Examination under the new rules.

A candidate who has passed the B.Ag. or B.Sc. (Agri.) Examination of this University will be permitted to appear for the Intermediate Examination in Science without keeping terms and with exemption, at his option, from the subjects of Physics, Chemistry and Biology or Geology. A candidate so exempted will not be eligible for a class or a University award.

A candidate who has passed the B.Sc. Examination of this University will be permitted to appear for the B.A. Examination, subject to the following conditions :—

(*a*) that he passes the Intermediate Arts Examination for which he may appear without keeping terms ;

(*b*) that he keeps two terms in the subject of Compulsory English for the B.A. Examination if he is entitled to exemptions in the Optional subject by reason of his having passed the B.Sc. Examination in the subjects of the Optional Groups, or four terms if he appears in all the subjects of the B.A. Examination. Such a candidate will be entitled to claim the following exemptions :—

Intermediate Arts—Mathematics (in case of those who have passed the Intermediate Science Examination with Mathematics as their Optional subject or the B.Sc. Examination in Mathematics and Physics).

B.A.—Optional subject (in case of those who have passed the B.Sc. Examination in any of the groups (a) Mathematics (Principal) and Physics, (b) Physics and Chemistry, (c) Botany and Zoology).

Candidates claiming exemption at any examination will not be eligible for classes or University awards.

The scheme of examination in Chemistry at the B.Sc. Examination has been revised as follows : In Chemistry there will be four papers carrying 100 marks each, and four practical papers carrying an aggregate of 200 marks. Also Sulphanilamide has been added to the list of Synthetic Drugs in Paper II—Organic Chemistry.

Geography can now be taken up as a Subsidiary subject for the B.Sc. Examination.

The revised course in Botany for the M.Sc. Examination has been approved with effect from June 30, 1943, so that the first examination under the revised course will be held in 1945.

Students who have failed at the LL.B. Examination and wish to re-appear thereto can keep terms in the interval for another Degree Examination. Thus in all respects, students who have completed one undergraduate course of study are permitted to keep terms for another undergraduate course of study but no student is permitted to keep terms simultaneously for two undergraduate courses.

The Cama and Albless Hospitals, Bombay, have been recognised as a centre for clinical teaching in Midwifery and Gynaecology to women undergraduates.

Examination Centres

Nasik has been made a permanent centre for holding the Intermediate Arts Examination.

Anand has been continued as a centre for the Matriculation Examination for a further period of three years.

Rajkot has been cancelled as a centre for all Examinations.

Equivalence of Examinations

The passing of the School Leaving Certificate Examination held by the Government of Bombay will be considered as sufficient qualification for entering upon the University courses under the following conditions :—

(*a*) The holder of the School Leaving Certificate, who has completed and passed in the courses laid down for Agricultural Schools, will be deemed eligible for admission to the First Year Science course, provided he passes in a test in Geometry and Trigonometry of the Matriculation standard held by the University.

(*b*) The holder of the School Leaving Certificate, who has completed and passed in the courses laid down for Technical Schools, will be deemed eligible for admission to the First Year Science course, provided he passes in a test in Geometry of the Matriculation standard held by the University.

(*c*) The holder of the School Leaving Certificate, who has completed and passed in the courses laid down for Commercial Schools, will be deemed eligible for admission to the First Year Commerce course.

(*d*) The holder of the School Leaving Certificate, who has attended a Vocational School and passed the examination for the courses concerned and who seeks admission to the First Year course in Arts, will be deemed eligible for admission thereto, provided he passes in a test in a Classical or a Modern European Language of the Matriculation standard held by the University.

The following Examinations have been recognised as equivalent to the corresponding Examinations of this University :—

B.E. (Civil, Mechanical and Electrical) of the Universities of the Panjab, Calcutta, Madras and Mysore ; B.E. (Civil) of the University of Patna ; B.E. (Mechanical and Electrical) of the University of Benares ; B.E. (Civil) of the Thomason College, Roorkee.

Compartmental and Supplementary Examinations

With reference to a letter received from the Secretary, Inter-University Board of India, forwarding therewith for opinion in accord-

ance with the resolution of the Board, a standard scheme regarding "Compartmental and Supplementary Examinations," prepared by him after collecting the necessary information from the various Universities, the Secretary has been replied to as under :—

(1) In this University a candidate is required to submit his application for admission to the entire examination, but there is nothing to prevent a candidate from answering a few of the papers and not in all.

(2) The system of examination in this University does not provide that an unsuccessful candidate in order to be entitled to appear in the subject in which he fails at a subsequent examination should obtain a certain minimum number of marks in the subject in which he was unsuccessful.

(3) As a rule candidates are not allowed to pass the examination in compartments at the Honours and other Degree Examinations, except at the B.Sc. Examination where the University itself permits candidates to take the Subsidiary Examination separately from the Principal Examination and except candidates for the B.A. Honours Degree who are given exemption either from Compulsory English or from the Optional subject if they have secured exemption marks in either of these. In such a case, however, a higher percentage is insisted on for the Honours Degree.

(4) Supplementary examinations are held in the month of October but admission to these is not restricted to candidates who have once appeared and qualified themselves for appearing in compartments. Any candidate who has kept the required attendance and completed the course of study is permitted to appear for these examinations. The B.A. Honours and the B.Sc. Principal Examinations are not held in October.

(5) As a rule, no class or distinction is awarded to a candidate who passes in compartments. There is, however, an exception in the case of the B.Sc. and B.A. (Honours) Examinations as already pointed out to in answer to No. 3 above.

The Secretary has also been informed that this University does not propose to make any alterations in the aforesaid scheme of examinations.

Lectures on Gujarati Folk Literature

Mr. Jhaverchand K. Meghani will deliver the Thakkar Vassonji Madhavji Lectures on "Gujarati Folk Literature" in the Lecture Theatre of the University School of Economics and Sociology on August 24 to 28, commencing at 6 p.m. on each day. Dewan Bahadur K. M. Jhaveri will preside over the inaugural lecture on August 24, and Mrs. Hansa Mehta over the concluding one on August 28.

Elections, Nominations, Appointments and Vacancies

University Syndicate

Dr. Jyotindra M. Mehta was re-elected to the Syndicate by the Academic Council from March 26.

Academic Council

Principal G. R. Paranjpe was elected to the Academic Council by the Board of Studies in Physics and Geology from April 10, in place of Professor K. R. Kanitkar.

Deans of Faculties

Mr. K. T. Shah was elected Dean of the Faculty of Arts on June 18†, in place of Principal M. B. Rehman, resigned; and Dr. K. G. Naik, Dean of the Faculty of Science on June 17, in place of Principal G. R. Paranjpe, resigned.

Ordinary Fellows

Professor R. L. Alimchandani was elected a Member of the Senate by the University Teachers and Teachers on July 12, in place of Professor K. M. Khadye, resigned; and the following have been elected or re-elected Members of the Senate from the different constituencies as indicated, and will come into office on August 4 :—

Principal G. L. Datta, in place of Principal V. K. Joag, by the Principals of Arts Colleges, Deccan Group; Dr. G. R. Dhayagude in place of Professor G. B. Kolhatkar, and *Professor A. K. Trivedi, by the University Teachers and Teachers; *Mr. K. G. Warty by the Headmasters of Schools, Karnatak Group; Mr. B. S. Hanchinal, in place of Mr. B. B. Mamadapur, by the District Local Boards, Karnatak Group; Dr. C. S. Patel, in place of Mr. C. C. Shah, and *Mr. N. V. Modak, by the Registered Graduates; Professor K. M. Khadye, in place of Professor C. D. Pinto, by the Faculty of Arts.

Mr. P. N. Joshi was nominated a Fellow, in place of Dr. G. W. Burley, on May 27, and Principal Syed Nurullah, in place of Mr. R. P. Kar, on June 11; and Mr A. Soares has been nominated, in place of the Most Rev. Thomas D. Roberts; and Principal V. K. Joag, in place of Khan Bahadur Muhammad Hidyatulla; and Moulvi Muhammad Younus Haindaday, Principal S. C. Nandimath and Dr. P. C. Bharucha have been renominated, from August 4.

---

† Mr. Shah has resigned his Deanship on July 26.

* Re-elected.

Mr. G. D. Daftry became an *Ex-Officio* Fellow on assuming charge as Secretary, Public Works Department, in place of Mr. C. E. Aitken; and Brigadier S. A. H. Hungerford, on assuming charge as Director, University Department of Military studies.

Boards of Studies

The following were elected or co-opted to the different Boards of Studies :—

In the FACULTY OF ARTS, on June 18 :

English Literature—Professor F. Correia-Afonso ; *Modern European Languages*—The Rev. Adolf Esteller, S.J.; *Kannada*—Mr. S. S. Malwad*; *History and Archaeology*—Messrs. K. T. Shah and V. R. Nerurkar : *Economics, Politics and Sociology*—Principal V. Y. Kolhatkar and Dr. N. A. Thoothi ; *Teaching*—Mr. R. N. Vakil ; *Commerce*—Mr. K. T. Shah ; *Geography*—Principal V. Y. Kolhatkar.

In the FACULTY OF TECHNOLOGY, on June 18 :

Engineering—Professor S. V. Chandrashekhar Aiya.

In the FACULTY OF LAW, on June 17 :

Law—Mr. B. N. Gokhale.

Board of Accounts

Principal G. R. Paranjpe, Dr. D. D. Karve and Rao Saheb Professor S. M. Shah were re-elected to the Board, by the Senate, on June 17, for one year (from July 1, 1943 to June 30, 1944).

Assignment to Faculties

The following were assigned to the Faculties shown against their names at the Senate meeting, on June 18 :—

Principal A. C. Farran, B.A., I.E.S.	Arts
Dr. V. R. Khanolkar, M.D., B.Sc., L.R.C.P., M.R.C.S.	Science and Medicine
Mr. G. D. Daftary, B.E., I.S.E.	Technology

Standing Committees

The following were appointed on the different Standing Committees of the Syndicate :—

Foreign Universities Information Bureau, on April 17 (for one year till April 14, 1944)—1. The Vice-Chancellor (*Ex-Officio*, Chairman), 2. Mr. K. T. Shah, 3. Dr. A. S. Erulkar, 4. The Hon'ble Mr. Justice M. C. Chagla, 5. Sir Vithal N. Chandavarkar, 6. The Rev. Dr. John McKenzie, 7. Dr. K. Venkataraman, 8. Principal G. R. Paranjpe.

Committee on Condonation of Deficiency in Attendance at Physical Training, on June 28 (for one year till June 30, 1944)—1. The Vice-Chancellor (Chairman), 2. Dr. A. S. Erulkar, 3. Dr. B. G. Vad.

* Co-opted.

Board of Visitors of the Department of Chemical Technology—Sir Vithal N. Chandavarkar was appointed as Vice-Chairman of the Board on July 10, in place of Principal G. R. Paranjpe (of the Royal Institute of Science), who ceased to hold that post owing to the transfer of the Department from the East Wing of the Royal Institute of Science to Matunga.

Board of Sports, on July 24 (for one year till August 18, 1944)—1. Professor D. B. Deodhar, 2. Mr. S. K. Mukerjee, 3. Mr. H. N. Contractor, 4. Principal B. S. Kalelkar.

University Delegates

Dr. K. Venkataraman and Principal G. R. Paranjpe have been nominated as Delegates of the University to attend the 31st Session of the Indian Science Congress, to be held at Trivandrum, from January 2 to 8, 1944.

Appointments

Brigadier S. A. H. Hungerford has been appointed Director in the Department of Military Studies from July 1.

Dr. H. R. Nanji has been appointed the Sir Dorabji Tata Reader in Pharmaceutical Chemistry in the Department of Chemical Technology.

Principal V. K. Gokak has been appointed to deliver the Wilson Philological Lectures for the year 1943-44.

University Teachers

The following have been recognised as University Teachers in the Subjects and for the Degrees mentioned against their respective names :—

Name	*Degree and Subject*	*College or Institution*
Professor M. L. Rahman ...	M.A.—Persian	...S.L.D. Arts
Mrs. M. J. Wadia ...	M.D.—Midwifery and Gynaecology	...Cama and Allbles Hospitals
Professor G. K. Hebalkar ...	M.A. & M.Sc.—Mathematics	...N.W.C.
Professor N. K. Gharpure ...	M.A.—German	...F.C.
Professor G. N. Jalbani ...	M.A.—Arabic	...D.J.S.
Principal B. R. Shenoy ...	M.A. & Ph.D.—Economics	...S.L.D. Arts
Professor A. R. Chavan ...	M.Sc.—Botany (*R*)	...B.C.
Professor G. V. Jadhav ...	Ph.D.—Organic Chemistry	...R.I.Sc.
Rao Bahadur B. Viswanath	Ph.D.—Soil Science and Agricultural Chemistry	...I.A.R.I.
Professor M. H. Vaswani ...	M.A.—History, Group A	...C. & S.
Professor S. V. Chandrashekhar Aiya ...	M.Sc.—Physics (Wireless and its Applications—Nuclear Physics)	...I.I.Sc.
Professor W. R. Natu ...	M.Com.—Foreign Exchange and International Banking	...Sydenham Col.

Name	*Degree and Subject*	*College or Institution*
Dr. B. P. Pal ...	M.Sc. (Agri.)—Agricultural Botany with special reference to Plant Breeding and Genetics	...I.A.R.I.
Professor A. N. Kothare ...	M.Sc.—Chemistry	...St. X.
Professor V. V. Gokhale ...	Ph.D.—Chinese and Tibettan Branches of Buddhistic Studies in one of the Specified Sastras	...F.C.
Professor M. Krishnaswami	LL.M.—Branch I	...Law College, Poona
Dr. C. S. Patel ...	M.Sc.—Chemistry	...Tech. Ins., Baroda
Dr. R. H. Siddiqi ...	M.Sc.—Chemistry	...I.A.R.I., New Delhi
Dr. Taskhir Ahmed ...	M.Sc. (Agri.)—Entomology	...I.A.R.I., New Delhi
Professor M. W. Chiplonkar	M.Sc.—Physics	...Sir P.
Miss Sulabha Panandikar ...	Ph.D.—Education	...S.T.C., Bombay
Dr. N. S. Variava ...	M.D.—Medicine	...G.M.C.
Professor P. M. Ashar ...	M.A.—Philosophy (*T*)	...S.L.D. Arts
Professor B. J. Doshi ...	Ph.D.—Ardha-Magadhi	...S.L.D. Arts
Professor R. R. Umarji ...	M.A. & M.Sc.—Mathematics	...E.
Professor Syed Mujtaba Ali...	M.A.—Islamic Culture (*R*)	...B.C.
Dr. G. M. Phadke ...	M.Sc.—Surgery	...G.S.M.
Dr. K. R. Krishnaswami ...	Ph.D. —Inorganic and Physical Chemistry	...I.I.Sc.
Professor H. R. Kapadia ...	Ph.D.—Ardha-Magadhi	...M.T.B.
Muni Jinavijayaji ...	Ph.D.—Ardha-Magadhi. Sanskrit and Comparative Philology	...B.V.B.
Professor P. R. Bhagwagar	M.Sc.—Botany	...M.W.C.
Dr. D. J. Davar ...	M.Sc.—Physics	...E.
Professor R. G. Bhadkamkar	M.A.—Sanskrit, Pali and Epigraphy	...B.O.R.I.
Professor R. V. Parulekar ...	M.Ed. & Ph.D.—Education	...M.T.T.C.
Dr. P. M. Wagle ...	D.P.H., Part I	...Haff. Inst.

The two additional posts of Resident Obstetric and Gynaecological Assistants at the Cama and Allbless Hospitals have been recognised for the purpose of admission to the M. D. Examination, Branch III.

The following posts at the Bai Jerbai Wadia Hospital for Children have been recognised as approved appointments for the M.D. and M. S. Degrees under the provisions of O.267 and O.277, respectively : 1. One Resident Medical Officer, 2. One Resident Surgical Officer, 3. Two House Physicians, and 4. Two House Surgeons.

Vacancies in the University Bodies

The Senate: Fellows to be elected—one by the University Teachers and Teachers, in place of Professor S. V. Shevade, on October 3 ; one by the Headmasters of Schools (Konkan Group), in place of Mr. V. R. Nerurkar, on October 31.

The Academic Council: Representative to be elected—by the Board of Studies in Latin, Greek, Hebrew and Modern European Languages, in place of the Rev. J. Duhr, S.J., on October 27.

The Board of Post-graduate Studies: Member to be appointed—by the Syndicate, in place of Professor K. Venkataraman, on September 27.

Statutes, Ordinances and Regulations

The following changes have been made in the Statutes, Ordinance and Regulations of the University. The Handbook referred to herein is the one for the year 1942.

Pamphlet No. 8

Except as otherwise stated below the respective items, all the following amended Ordinances and Regulations came into operation from the date of their approval by the Syndicate, i.e., from January 21, 1943.

I—ORDINANCES

1. Amendment of Ordinance 85, page 72 of the Handbook

Ordinance 85 has been *amended* to read as under :—

O. 85 "Notwithstanding anything contained in O. 87, the Syndicate shall have the power, in an emergency, to shift a College vacation and also extend or reduce its duration ; provided that the duration of a vacation shall not be extended or reduced except by a vote of a two-thirds majority of the members present at a meeting of the Syndicate. In such cases, the period added to either term shall be regarded for the purposes of O. 87 as part of the other term which has been reduced."

2. Amendment of Ordinance 156J, page 116 of the Handbook.

Substitute the following for Clause 2 of O. 156J :—

"Every recognised School shall comply with applications for Leaving Certificates without unnecessary delay, and no fee shall be charged for the issue of the Leaving Certificate in the first instance, if asked for, within one year from the date of leaving the School. After this period a fee of Re. 1 may be charged. A fee of Re. 1 may also be charged for a duplicate copy of a Leaving Certificate. The Leaving Certificate shall be in the form approved by the Syndicate."

3. Ordinance 198, page 164 of the Handbook.

This Ordinance came into operation from June 1943. Its operation had been held in abeyance (*vide* footnote on page 568 of the Handbook).

4. Ordinance 206, page 236 of the Handbook.

This Ordinance came into operation from June 1943. Its operation had been held in abeyance (*vide* footnote on page 568 of the Handbook).

5. Addition of a Transitory Ordinance as Ordinance 211A, page 252 of the Handbook.

Add the following as Ordinance 211A :—

O. 211A (Transitory) "Notwithstanding anything contained in O. 211 (c) it shall not be necessary for a candidate appearing for T.D. Examination in 1943 to have completed as a part of his practical work, teaching practice of not less than forty lessons, and the Principal of each Training College shall be at liberty to fix such minimum not exceeding forty lessons as he may in his discretion think necessary."

6. Addition of a Transitory Ordinance as Ordinance 213A, page 255 of the Handbook.

Add the following Transitory Ordinance 213A :—

O. 213A (Transitory) "Notwithstanding anything contained in O. 213 (ii) (c) it shall not be necessary for a candidate appearing for the B.T. Examination in 1943 to give a minimum of thirty lessons, and the Principal of each Training College shall be at liberty to fix such minimum not exceeding thirty lessons as he may in his discretion think necessary."

7. Amendment of Ordinance 215V, page 263 of the Handbook.

Add the following at the end of Ordinance 215V :—

"If in the opinion of the Board or Boards of Studies the work submitted by a candidate is unworthy of being presented for the Degree, the Board or Boards shall be at liberty to record their opinion accordingly, while suggesting names of referees, but in doing so they shall give a detailed statement of the grounds on which they hold this opinion. The Syndicate shall be at liberty to refuse to send to referees the work of such a candidate."

[The Ordinance as *amended* reads as under :—

"The Registrar shall place all the papers and documents mentioned in Ordinance 215T and Regulation 83J before the relevant Board or Boards of Studies which, after due consideration, shall suggest to the Academic Council the names of three referees. If, in the opinion of the Board or Boards of Studies, the work submitted by a candidate is unworthy of being presented for the Degree, the Board or Boards shall be at liberty to record their opinion accordingly, while suggesting names of referees, but in doing so

they shall give a detailed statement of the grounds on which they hold this opinion. The Syndicate shall be at liberty to refuse to send to referees the work of such a candidate."]

(*The amended Ordinance came into operation from June 1, 1943*).

8. Ordinance 217, page 272 of the Handbook.

This Ordinance came into operation from June 1943. Its operation had been held in abeyance (*vide* footnote on page 569 of the Handbook).

9. Addition of a Transitory Ordinance as Ordinance 247CC, page 473 of the Handbook.

Add the following as Transitory Ordinance 247CC :—

O. 247CC (Transitory) " Notwithstanding anything contained in O. 247C, Masters of Science of other Universities whose M.Sc. Degree is recognised as equivalent to the M.Sc. Degree of this University, shall be deemed to be eligible for admission to the D.Sc. Degree of this University, provided that the application for admission to the Degree was received in this University on or before the 30th September, 1942."

10. Amendment of Ordinance 247G, page 474 of the Handbook.

Ordinance 247G has been *amended* to read as under :—

O. 247G " The Registrar shall place the work and all the supplementary papers if any, before the relevant Board or Boards of Studies which, after due consideration, shall suggest to the Academic Council the names of three referees. If, in the opinion of the Board or Boards of Studies, the work submitted by a candidate is unworthy of being presented for the Degree, the Board or Boards shall be at liberty to record their opinion accordingly, while suggesting names of referees, but in doing so they shall give a detailed statement of the grounds on which they hold this opinion. The Syndicate shall be at liberty to refuse to send to referees the work of such a candidate."

(*The amended Ordinance came into operation from June 1, 1943*).

11. Addition of a New Ordinance as Ordinance 252A, page 479 of the Handbook.

Add the following as Ordinance 252A :—

O. 252A " A candidate shall not be permitted to present a thesis for the Degree of LL.M. unless he shall have worked under the guidance of a recognised University Teacher for the required period, *i.e.*, two years, if he has passed

the LL.B. Degree Examination under the old rules, and three years if he has passed the said Examination under the new rules."

(*The above Ordinance came into operation from June 1, 1943*).

12. Amendment of Ordinance 258, page 483 of the Handbook (subsequently amended in Item 8, Pamphlet No. 2—page 26 of the August 1942 issue of the *Bulletin*).

Add the following proviso :—

" Provided that candidates, who, at their first attempt, after their names have been submitted by the Principal of the College for inclusion in the list of candidates appearing for the Examination, apply for the withdrawal of their application for admission to the Examination, 24 hours before the commencement thereof, shall not be deemed to have failed to pass the Examination."

(*The above proviso has been brought into operation with retrospective effect from April 1, 1941*).

13. Amendment of Ordinance 264A, page 516 of the Handbook.

Add the words " each of three hours' duration " in line 1 under the heading " Part I " after the word " papers. "

[The Clause as *amended* reads as under : -

"Part I will consist of two papers, each of three hours' duration and a practical examination in the laboratory work and *viva voce* examination, the contents of the papers being distributed as under:"]

II—REGULATIONS

14. Amendment of Regulation 3, page 103 of the Handbook (subsequently amended in Item 12, Pamphlet No. 5—page 24 of the November 1942 issue of the *Bulletin*).

Add the following in the statement at the appropriate place :—

" That for the duration of the War, as a special case, the M.B., B.S. Examination of the University of Rangoon is deemed as equivalent to the corresponding Examination of this University for the purpose of admission to the Post-graduate course in the Faculty of Medicine."

15. Amendment of Regulation 11A (*vide* Item 9, Pamphlet No. 2—page 26 of the August 1942 issue of the *Bulletin*).

Substitute the following for Regulation 11A :—

" Candidates who have obtained the A Certificate issued by the Military authorities or who have joined University Training Corps and have obtained the Lower Certificate of Efficiency issued by the Military authorities, shall be exempted from Head 4 in Regulation 11A."

16. Amendment of Regulation 13, page 166 of the Handbook.

Delete the two footnotes appended to "Pali and Ardha-Magadhi."

17. Amendment of Regulation 15A, pages 169-170 of the Handbook.

Delete the following from paragraph 2 under the heading "Calculus":—

"Statements of binomial, exponential and logarithmic series ..... for obtaining differential co-efficients;"

18. Addition of a New Regulation 23A, page 174 of the Handbook.

Add the following as Regulation 23A:—

R. 23A "Notwithstanding the provisions in Regulation 18—

(i) a candidate who has obtained the Diploma in Military Studies of this University shall be exempted from Paper I and Paper II in Compulsory English, or at his option, to the total marks obtained by him at the Examination, 20 per cent. of the total marks shall be added by way of extra credit.

(ii) a candidate who has obtained the B Certificate issued by the Military authorities shall be exempted from either Paper I or Paper II in Compulsory English, or in the alternative at his option, to the total marks obtained by him at the Examination, 20 per cent. of the total marks shall be added by way of extra credit."

Candidates availing themselves of the above concessions are entitled to awards as well as classes at the Examination.

19. Amendment of Regulation 25, page 176 of the Handbook.

Replace the word "and" between the words "Kannada and Urdu" by a comma and *add* the words "and Sindhi" after the word "Urdu" in line 4 from below.

20. Amendment of Regulation 26, page 180 of the Handbook.

(i) *Add* "IX" at the end of "Murray's Differential Equations" changing the full-stop at the end into a comma, under the heading "Books recommended," and *add* the following:—

"Piaggio's or Diwan and Agashe's Differential Equations—The corresponding portions."

(ii) *Add* under the heading " Paper VII, " Clause (ii), the following at the end of the Regulation, on page 186 :—

" Books recommended :

Murray's Differential Equations,
Piaggio's Differential Equations,
Diwan and Agashe's Differential Equations."

21. Amendment of Regulation 28, page 190 of the Handbook.

Add the following at the end of the Regulation, on page 190 of the Handbook :—

" (*e*) Plato : The Republic (for 1944 and 1945)."

22. Amendment of Regulation 75A, page 253 of the Handbook.

(i) *Add* the following in line 2, after the word " separately " :—

" A candidate may take at the end of the first year the examination in Section B of Part I (*vide* R. 75E), provided that the Principal of the College certifies that he has attended lectures in the subjects of Sections A as well as B and that he has further given at least ten lessons during the year."

(ii) *Add* the following between the words " Part I " and " Rs. 10 " in line 4 of the last Clause of the Regulation : –

" or in Section B of Part I. "

[The relevant portions of the Regulation as *amended* read as under :—

" Candidates may appear in both parts simultaneously, or in either separately. A candidate may take at the end of the first year the examination in Section B of Part I (*vide* R. 75E), provided that the Principal of the College certifies that he has attended lectures in the subjects of Sections A as well as B and that he has further given at least ten lessons during the year.

Applications for permission to appear for the Examination, either in Part I or II or both, shall be made on or before a fixed date and on a form prescribed by the Syndicate and shall be accompanied by a fee of Rs. 15 for Part I, or in Section B of Part I, Rs. 10 for Part II, and Rs. 25 for Parts I and II together, per candidate."]

(*These amendments came into operation from June 1, 1943*).

23. Amendment of Regulation 75D, page 253 of the Handbook.

The Regulation has been *amended* to read as under :—

R. 75D " A candidate who has passed in either of the Parts of the Examination or who has obtained 50 per cent. marks in either of the Sections of Part I, may be exempted, at his

option, from appearing therein at a subsequent attempt, but a candidate availing himself of such exemption shall not be eligible for distinction."

24. Amendment of Regulation 75E, page 254 of the Handbook.

The last but one paragraph of Regulation 75E, has been *amended* to read as under :—

"The total marks for the Examination shall be 600 for Theory and 200 for Practical. Each paper in Part I (Theory) shall carry 100 marks and each lesson in Part II (Practical) shall carry 50 marks. For practical work done by the candidate during his period of training, marks upto a maximum of 100 (half of the marks allotted for Part II) shall be assigned by the Professor of Education in the College in which the candidate has been studying. Marks so assigned may be revised in the case of candidates, who fail to pass the University Examination and apply for such revision, provided that they give under the supervision of the College authorities ten additional lessons in teaching practice to the satisfaction of the Head of the Institution, not more than three such lessons being given in any one week."

25. Amendment of Regulation 81, page 257 of the Handbook.

The Regulation has been *amended* to read as under :—

" The total number of marks for Part II Examination will be 300."

(*The amended Regulation came into operation from June 30, 1943*).

26. Amendment of Regulation 82, page 257 of the Handbook.

Substitute " 100" for " 250 (*i.e.*, half the marks allotted to Part II)" occurring in lines 2-3 of the Regulation.

(*The amended Regulation came into operation from June 30, 1943*).

27. Addition of Transitory Regulations 90A, 91B, 91C and 91D, page 288 of the Handbook.

Add the following as Transitory Regulations 90A, 91B, 91C and 91D :—

R. 90A (Transitory) " Notwithstanding anything contained in provisions of Regulations 86, 87, 88 and 89, question-papers to be set at the Intermediate Science Examination of 1943 in the subjects of Physics, Chemistry, Geology and Biology will carry 100 marks each and be of three hours' duration."

R. 91B (Transitory) " Nothwithstanding anything contained in Regulations 86 to 91 (both inclusive), there will be no Practical examination in Physics, Chemistry, Geology and Biology at the Intermediate Science Examination to be

held in 1943. Candicates for the said Examination, shall, however, as a condition of their admission thereto be required to produce from the Principal of the College, certificates that they carried out to the satisfaction of the Principal such practical experiments as could be performed, having regard to the facilities available at the College. A minimum of 25 per cent. of the experiments in Chemistry at present prescribed and the experiments in Physics, Geology and Biology as prescribed at present shall be performed by each candidate."

R. 91C (Transitory) "The standard for passing the Examination laid down in Regulations 90 and 91 shall be read subject to the following modifications for the purpose of the Intermediate Science Examination to be held in 1943 :—

(*a*) In R. 90, in lines 3 and 4, *omit* the words 'and in each practical examination.'

(*b*) In lines 8 and 9 of the same Regulation, *omit* the words 'or in one practical examination.'

(*c*) Again in lines 9 and 10 of the same Regulation, *omit* the words 'in which there is no practical examination.'

(*d*) In R. 91, in line 3, *omit* the words 'including the practical' appearing in brackets.

(*e*) In line 6 of the same Regulation, *omit* the words 'and practical' appearing within brackets."

R. 91D (Transitory) "Nothwithstanding anything contained in the Transitory R. 91B, candidates appearing for the Intermediate Science Examination of 1943 with Biology as their optional group and intending to take the Medical course shall be examined at a special practical test in Physics, Chemistry and Biology, conducted by the University. Only such candidates as pass in the Written examination shall be permitted to appear for this special test. Candidates shall be required to obtain 33 per cent. of the full marks in each Practical which shall carry 100 marks.

For the purpose of awards of prizes and scholarships at the Intermediate Science Examination of 1943 with Biology as their optional group, the marks in the papers and in the practicals will be added together to make up the totals in all those cases where it is a condition of the award that the successful candidate shall join a Medical College. In all other cases, prizes, scholarships and other awards shall be awarded on the performance of the candidates in the written papers only."

28. Amendment of Regulation 92, page 290 on the Handbook (subsequently revised in Item 15, Pamphlet No. 2— page 28 of the August 1942 issue of the *Bulletin*).

Renumber sub-clause (c) of Regulation 92 as R. 92A, and *add* a new sub-clause (c) as under :—

R. 92 (c) "Notwithstanding anything contained in O. 222 and O. 225, a candidate who obtains the B Certificate issued by the Military authorities shall be exempted from any one paper at the B.Sc. (Sub.) Examination, or in the alternative, at the option of the candidate, to the aggregate marks obtained by him 20 per cent. thereof will be added by way of extra cerdit."

Candidates availing themselves of the concessions denoted above are entitled to awards as well as classes at the Examination.

29. Amendment of Regulation 92, page 290 of the Handbook.

Substitute the following for Clause (b) of the Regulation (as published in Item 5, Pamphlet No. 7— page 30 of the March 1943 issue of the *Bulletin*, and subsequently revised).

"Notwithstanding anything contained in O.222 and O. 225, candidates holding the A or B Licence for Aircraft Pilots or the A and C or the B and D Licences in Ground Engineering or the Diploma in Military Studies of this University shall be permitted to take the B.Sc. Examination with only one Principal or one Subsidiary subject as under :—

(i) the holder of the A Licence for Aircraft Pilots or of the A and C Licences in Ground Engineering or of the Diploma in Military Studies is entitled to exemption from the Subsidiary subject.

(ii) the holder of the B Licence for Aircraft Pilots or of the B and D Licences in Ground Engineering is entitled to exemption from the Principal subject.

Such candidates will only be required to keep terms in the subject in which they wish to appear, four terms in the case of a Principal subject and two in the case of a Subsidiary subject. They shall not be entitled to any classes or University awards."

30. Addition of a Transitory Regulation as Regulation 103A, page 322 of the Handbook.

Add the following as Transitory Regulation 103A : —

R. 103A (Transitory) "Notwithstanding anything contained in Regulations 95 to 102 (both inclusive), candidates for the B.Sc. Examination to be held in 1943 shall be required to perform not less than 50 per cent. of the normal amount of work done in the College."

31. Addition of a Transitory Regulation as Regulation 24AA, page 370 of the Handbook.

Add the following as Transitory Regulation 124AA :—

R. 124AA Transitory) " Nitwithstanding the provisions of Regulation 124A (p. 370), candidates for the F.Sc. (Agri.) Examination to be held in the year 1943 will be required to devote three weeks for intensive practical work during the terms."

32. Addition of a Transitory Regulation as Regulation 30AA, page 382 of the Handbook.

Add the following as Transitory Regulation 130AA : —

R. 130AA Transitory) " Notwithstanding the provisions of Regulation 130A (p. 382), candidates for the S.Sc. (Agri.) Examination to be held in the year 1943 will be required to devote two weeks for intensive practical work during the terms."

33. Addition of a Transitory Regulation as Regulation 36AA, page 393 of the Handbook.

Add the following as Transitory Regulation 136AA : —

R. 136AA Transitory) " Notwithstanding the provisions of Regulation 136A (p. 393), candidates for the B.Sc. (Agri.) Examination to be held in the year 1943 will be required to devote three weeks for intensive practical work during the terms."

34. Amendment of Regulation 210, page 479 of the Handbook.

Renumber Regulation 210 as Regulation 210A and *add* the words " for the written examination " between the words " Candidates" and "will" occurring in line 1.

[The relevant Clause of the Regulation as *amended* reads as under : —

"Candidates for the written examination will be examined in any one of the following four Branches : "]

35. Addition of a New Regulation as Regulation 210, pages 479 of the Handbook.

Add the following as Regulation 210 :—

R. 210 " The Degree of LL.M. may be taken either by written examination or by thesis."

36. Addition of New Regulations, *viz.*, Regulations 210B, 210C, 210D and 210E, page 480 of the Handbook.

Add the following as Regulations 210B, 210C, 210D and 210E, as under :—

R. 210B "A candidate shall be permitted to submit his thesis at any time during the year, provided that two months

before submitting it he shall forward to the Registrar, through the recognised University Teacher guiding him, a statement giving the title and a synopsis of the thesis, along with a fee of Rs. 100."

R. 210C "The thesis shall be submitted in triplicate. It shall be the candidate's own work, carried out under the guidance or supervision of a recognised University Teacher. It shall be either (i) a critical analysis of existing data or (ii) record of investigation or (iii) a combination of both."

R. 210D "The Academic Council, having before it the suggestion or suggestions of the Board of Studies in Law, shall recommend to the Syndicate the names of two referees, one of whom shall be the University Teacher who has guided the candidate's work. When the Syndicate have appointed the referees, the Registrar shall forward the thesis to them. The referees shall report to the Syndicate whether the thesis shall be accepted or rejected and their report shall be final. In the event of a difference of opinion between the referees, the Syndicate shall appoint a third referee and the Syndicate shall decide after considering the reports of all the three referees, whether the Degree shall be conferred. All the reports shall be circulated to the members of the Board of Studies in Law and placed before the Academic Council for information."

R. 210E "A thesis that has been rejected may be submitted again after due revision on payment of a fresh fee."

37. Amendment of Regulation 227A, page 506 of the Handbook.

(1) *Substitute* " 100 " for " 50 " in (b) under the heading "Forensic Medicine."

(2) *Substitute* " 100 " for " 50 " in (b) under the heading " Preventive Medicine."

38. Amendment of Regulation 236, pages 513-514 of the Handbook.

1. *Add* the words " each of three hours' duration " after the word "papers" in line 1 of the paragraph beginning with " Part I."

2. *Add* the words "each of three hours' duration" after the word "papers" in line 1 of the paragraph beginning with "Part II."

[The above two Clauses as *amended* read as under :—

" *Part I*, which will consist of two papers each of three hours' duration and a Practical examination in the Laboratory work and *viva voce* examination, will have reference to the general principles of Sanitary Science and will comprise the following :—"

"*Part II*, which will consist of two papers each of three hours' duration and a Practical examination in, and reporting on, subjects connected with outdoor sanitary work and a *viva voce* examination, will have reference to State Medicine and applications of Pathology and Sanitary Science and will comprise the following subjects : —"]

39. Amendment of Regulation 236A, page 519 of the Handbook.

Add the words "each of three hours' duration" after the word "papers" in line 1, under the heading "Paper II."

[The relevant portion as *amended* reads as under :—

"Part II will consist of two papers each of three hours' duration as under, a Practical examination, a report on subjects connected with outdoor sanitary work and a *viva voce* examination."]

40. Addition of a New Regulation as Regulation 236B, page 521 of the Handbook.

Add the following as Regulation 236B :—

R. 236B "For passing the Examination a candidate shall obtain 50 per cent. of the total marks in each paper, 50 per cent. of the total marks in each practical and 50 per cent. in the aggregate in the papers and practicals together."

41. Amendment of Regulation 239, page 526 of the Handbook.

Add the following as Clause (iii) of the Regulation :—

"(iii) Each paper shall be of three hours' duration."

42. Addition of a New Regulation as Regulation 239A, page 526 of the Handbook.

Add the following as Regulation 239A :—

R. 239A "For passing the Examination a candidate shall obtain 50 per cent. of the total marks in each paper, 50 per cent. of the total marks in each practical and 50 per cent. in the aggregate in the papers and practicals together."

43. Amendment of Regulation 243, page 530 of the Handbook.

Add the words "each of three hours' duration" after the word "papers" in line 2 thereof.

[The Clause as *amended* reads as under :—

"The Examination shall be partly written and partly *viva voce* and practical. There shall be four papers, each of three hours' duration, in the written examination as follows :—"]

44. Addition of a New Regulation as Regulation 243A, page 530 of the Handbook.

Add the following as Regulation 243A :—

R. 243A " For passing the Examination a candidate shall obtain 50 per cent. of the total marks in each paper, 50 per cent. of the total marks in each practical and 50 per cent. in the aggregate in the papers and practicals together."

45. Approved Appointments under M.D. and M.S. Ordinance.

(i) *Renumber* the institutions as under :—

(3) Goculdas Tejpal Hospital, Bombay.

(4) Seth Gordhandas Sunderdas Medical College and King Edward VII Memorial Hospital, Bombay, and

(5) Tata Memorial Hospital, Bombay.

(This renumbering has been occasioned by the deletion of certain institutions from the list of approved appointments; *vide* Item 5, Pamphlet No. 6).

(ii) *Add* under the heading " Tata Memorial Hospital " the following :—

"Clinical Fellows : M.D. Degree, Branch II, (on condition that the holder of the appointment produces a certificate of having done for a period of three months, post-graduate work in Parasitology and Bacteriology at a recognised institution under the guidance of a recognised University Teacher)."

46. Corrections in Regulations 206 and 206A (Transitory), pages 476-477 of the Handbook.

(i) In R. 206, *replace* "and" occurring between "Trusts and Specific," by a comma in Paper III of Group A, and *add* the words "and Mortgages" at the end thereof.

[The title of the Paper, as corrected, reads as under :—

"Paper III—Equity with special reference to Trust Specific Relief and Mortgages."]

(ii) In R. 206A, *make* a similar correction in the title of Paper III, occurring in the list of papers under 'New' Rules.

Pamphlet No. 9

Except as otherwise stated below the respective items, all the following amended Ordinances and Regulations came into operation from the date of their approval by the Syndicate, i.e., from March 27, 1943.

I—ORDINANCES

1. Amendment of Ordinance 74, page 48 of the Handbook.

Add the following proviso at the end of Ordinance 74 :—

" Provided always that when a candidate for a Post-graduate Degree has been permitted to work independently, the Academic Council shall recommend to the Syndicate the name of one internal referee, in addition to the external one, from among recognised University Teachers in the subject, familiar with the standards expected by the University for the Degree for which the thesis is submitted."

2. Amendment of Ordinances 157E, 157G and 157H, page 120 of the Handbook.

Substitute the following Ordinances for Ordinances 157E, 157G and 157H :—

O. 157E "A student who has attended the Matriculation class of a recognised School or Schools for not less than 110 days in the aggregate, as required by S. 202, after the 1st April 1937, in one and the same school year and has or has not been sent up for the Matriculation Examination, shall not be required to keep fresh attendance in the recognised School from which he seeks admission to the Examination.

A candidate who was once sent up as a regular student or ex-student or as a private candidate for the Matriculation Examination held in April 1937 or prior to it, is exempted from the attendance prescribed by S. 202, and is not required to keep fresh attendance even if he joins a School subsequently."

O. 157G "An ex-student shall be entitled to receive a certificate with regard to his eligibility for admission to the Matriculation Examination from, and to have his application for admission thereto, forwarded by the Head of the School who recommended him for admission, whether or not he appeared at the Examination in the year in which he was so recommended."

O. 157H "If an ex-student rejoins the School from which he was allowed to appear for the Matriculation Examination and had not, before re-joining the School, attended any other recognised School after failing to pass the Matriculation Examination, he shall be entitled to receive a certificate with regard to his eligibility for admission to the Matriculation Examination from the Head of the School.

An ex-student joining a School other than the one, from which he appeared last for the Matriculation Exa-

mination, shall lose all rights of an ex-student and shall have to satisfy the Headmaster of the School which he has joined as regards conduct and progress, and shall have to obtain a fresh certificate of eligibility for appearing at the Matriculation Examination."

3. Addition of an explanatory note to indicate the scope of knowledge in Ardha-Magadhi Grammar expected from Matriculation candidates in the revised syllabus in Ardha-Magadhi, to Ordinance 173, page 125 of the Handbook.

Add the following explanatory note indicating the scope of knowledge in Ardha-Magadhi Grammar to be expected from the Matriculation students in the revised syllabus in Ardha-Magadhi given in Ordinance 173 :—

"1. **Phonology**—A general knowledge of phonetic changes without the use of technical terms and mainly intended for enabling students to convert Ardha-Magadhi words into Sanskrit and *vice versa*. Neither the scientific explanations nor the causes of the changes need be studied. Students should be acquainted with the general rules of changes of single and conjunct consonants, vowels and Visarga and with rules of Sandhi.

2. **Morphology**—A thorough acquaintance with the forms of declension of nouns (Mas. and Neut. in -a,-i,-u; Fem. in -a,-i,-i, -u,-u; recognition of forms of irregular declension—(themes in r. and consonants) ; forms of adjectives, pronouns (personal, demonstrative, interrogative, indefinite), numerals; conjugation of verbs in present, past, future, imperative and potential ; active and passive ; formation of causal, and passive participles ; infinitive and gerund, degrees of adjectives, adverbs, prepositions and conjunctions.

3. **Syntax**—Rules of agreements ; uses of cases, pronouns, tenses, moods, participles, gerund and infinitive. Students are expected to point out their peculiar or incorrect usage, but need not be able to enumerate or explain them. A fair knowledge of compounds and ability to name and dissolve them.

The portion of the grammar can be covered by the three parts of the book *Introduction to Ardha-Magadhi*, by A. M. Ghatge, by omitting all matter in small type and the following sections from bigger type as well : 3-5, 20, 22-25, 37, 43, 45-49, 65, 66, 82, 87, 94-99, 107-113, 121-127, 140-144, 279, 282, 283, 301-303, 463-478, or from any other book of similar type such as Profssor V. M. Shah's *Ardha-Magadhi Grammar*."

4. Amendment of Ordinance 215R, relating to the Degree of D. Litt., page 262 of the Handbook.

Add in line 3 of Ordinance 215R, the following words after the word "University" :—

" and upon Teachers in the Colleges affiliated to this University who hold the Master's or Doctor's Degree in Arts of any other University which is recognised as equivalent to the Master's or Doctor's Degree of this University, and who have previous teaching experience in a College affiliated to this University, extending over a period of at least seven years."

[Ordinance 215R as *amended* reads as under :—

" The Degree of Doctor of Letters may be conferred upon Bachelors of Arts, Masters of Arts and Doctors of Philosophy (Arts) of this University and upon Teachers in the Colleges affiliated to this University who hold the Master's or Doctor's Degree in Arts of any other University which is recognised as equivalent to the Master's or Doctor's Degree of this University, and who have previous teaching experience in a College affiliated to this University, extending over a period of at least seven years, for published work which has been undertaken mainly on the candidate's own initiative, which may be deemed by competent judges to be valuable contributions to learning."]

5. Amendment of Ordinance 247C, relating to the Degree of D.Sc., page 473 of the Handbook.

Add the following sub-clause (d) to Ordinance 247C : —

" and upon Teachers in the Colleges affiliated to this University who hold the Master's or Doctor's Degree in Science of any other University which is recognised as equivalent to the Master's or Doctor's Degree of this University, and who have previous teaching experience in a College affiliated to this University, extending over a period of at least seven years."

[Ordinance 247C as *amended* reads as under:—

"The Degree of Doctor of Science may be conferred :—

(*a*) Upon Graduates of Science, Science (Tech.), Engineering, Agriculture, upon Bachelors of Arts with Mathematics and Science and Graduates in Medicine and Surgery of this University who have carried on research in Anatomy, Bacteriology, Pathology, Pharmacology or Physiology;

(*b*) Upon Masters of Science, Science (Tech.), Engineering and Agriculture and upon Masters of Arts with Mathematics or Science of this University;

(*c*) Upon Doctors of Philosophy of this University;

(*d*) Upon Teachers in the Colleges affiliated to this University who hold the Master's or Doctor's Degree in Science of any other University which is recognised as equivalent to the

Master's or Doctor's Degree of this University, and who have previous teaching experience in a College affiliated to this University, extending over a period of at least seven years."]

6. Approved Appointments under Ordinance 267 (iv) (c), page 523 of the Handbook.

Add the following two appointments as approved appointments on page 98 of the Handbook under (2) Cama and Albless Hospitals, Bombay :—

"Resident Obstetric Assistant, } M.D.
Resident Gynaecological Assistant. } (Midwifery)"

II—REGULATIONS

7. Amendment of Transitory Regulations 90A, 91B, 91C and 91D, page 288 of the Handbook (subsequently amended in Item 27, Pamphlet No. 8—page 26 of this issue of the *Bulletin*).

Add the figure "1944" after the figure "1943" wherever it occurs in Transitory Regulations 90A, 91B, 91C and 91D.

8. Amendment of Transitory Regulation 103A (Item 30, Pamphlet No. 8—page 28 of this issue of the *Bulletin*).

Add the figure " 1944 " after the figure " 1943 " in line 8 of the Transitory Regulation 103A.

9. Amendment of Regulation 121, regarding M.Sc. Syllabus in Geology, pages 335-336 of the Handbook.

(i) In group B, Paper II : Indian Geology, the present paragraph should be *reworded* to read as under :—

" The study of the rock formations of India. Coal and oilfields of India and Burma—their origin ; distribution and mode of occurrence. Ore deposits of India. Building Stones."

(ii) In Group C, the following now occurring under Paper I : Mineralogy, should be transferred under Paper II : Petrology, at the end thereof :

"Ore deposits, theories of their origin ; secondary enrichment.

Building Stones ; supply of underground water-springs and wells."

(iii) In Group C, under Paper II : Petrology, in paragraph 2, for the word "igneous," *read* the word "sedimentary."

(*The first Examination according to the revised Syllabus will be held in 1945*).

10. Addition of a Transitory Clause to Regulation 138, page 399 of the Handbook.

Add the following Transitory Clause to Regulation 138 :—

"(4) Candidates, who, under the old Regulations, have obtained exemption from the subject of Agricultural Engineering at the S.Sc. (Agri.) Examination, be exempted from the subject of Agricultural Engineering at the B.Sc. (Agri.) Examination under the new rules."

11. Addition of Regulations relating to the Award of the Sir Dinshaw Wacha Research Fellowship in Economics.

Add the following Regulations relating to the award of the Sir Dinshaw Wacha Research Fellowship in Economics, on page 108 of Part IV of the Handbook for 1942 :—

"(1) The Fellow shall be appointed by the Syndicate, on the recommendations of the Head of the Department of Economics, who will take into consideration the academic career, capacity to do research work and the character of the candidates. The selected candidate shall have taken the M.A. Degree in Economics or an equivalent Degree of any recognised Indian University.

(2) The appointment of the Fellow shall be for a period of one year in the first instance ; but may be renewed for another year.

(3) The Fellow shall be required to do research work in any branch of Economics, approved by the Head of the Department for the Ph.D. Degree of the Bombay University.

(4) The Fellow shall submit to the Syndicate, through the Head of the Department, terminal reports regarding the progress of his work.

(5) The amount of the Fellowship shall be payable in arrears every month on production of a certificate of regular attendance and satisfactory progress signed by the Head of the Department.

(6) A Fellow shall be liable to forfeit his Fellowship on the ground of irregular attendance, unsatisfactory work or conduct."

Pamphlet No. 10

I—STATUTES

His Excellency the Chancellor sanctioned on May 4, 1943, the amendments of the following Statutes passed by the Senate at their meeting held on February 12, 1943.

1. Amendment of Statute 188, page 100 of the Handbook.

In Statute 188 *delete* the last sentence—" This fee..... application."

The Statute as *amended* reads as follows :—

S. 188 "Applications for recognition or renewal thereof from Schools other than those referred to in S. 193A shall be addressed to the Registrar before such date as may be fixed by the Syndicate in this behalf and shall be accompanied by such information as may be prescribed by the Syndicate. Every application shall be accompanied by a fee of Rs. 10, which shall in no case be returned."]

2. Deletion of Statute 189, page 100 of the Handbook.

Delete Statute 189 :—

[The *deleted* Statute read as under : —

S. 189 "Every recognised School shall pay a fee of Rs. 10 annually on or before such date as may be fixed by the Syndicate."]

3. Amendment of Statute 193A, page 102 of the Handbook.

Substitute the words " an application for recognition or renewal thereof accompanied by a fee of Rs. 10" for the words " the fee prescribed by Statute 189" occurring in Statute 193A.

[The Statute as *amended* reads as follows :—

S. 193A "All Schools in the Presidency recognised by the Department up to and including the Matriculation class shall be entered in the Register referred to in S. 193, on receipt of an application for recognition or renewal thereof accompanied by a fee of Rs. 10 subject to the conditions and limitations under which they have been recognised by the Department, provided that the Department is satisfied that they fulfil the conditions (a) to (g) laid down in S. 190.

Provided always that the Syndicate may bring to the notice of the Department any irregularities in the conduct of any of these Schools of which the Syndicate may be aware. Whenever any irregularity is thus brought to its notice, the Department shall hold an inquiry with a view to reconsidering in the light of the information supplied by the Syndicate, its previous decision recognising the School."]

4. Addition of a New Statute as Statute 202A, page 119 of the Handbook.

Add the following new Statute as Statute 202A :—

S. 202A "Notwithstanding the attendance in the Matriculation class of a recognised High School, prescribed by S. 202, a can-

didate who has undergone the prescribed courses of studies in a Vocational High School maintained or recognised by the Department and is certified by the Head of his School as fit to appear for the School Leaving Certificate Examination shall be held eligible to be examined in individual subjects of the Matriculation Examination in order to qualify for admission to the University, and shall be admitted to the Examination in those subjects for the said purpose at the Matriculation Examination of the year in which he appears for the School Leaving Certificate Examination or in any subsequent year on the submission of an application in the prescribed form, and on payment of the fee prescribed by the Syndicate within the time specified."

Except as otherwise stated below the respective items, the following amended Ordinances and Regulations came into operation from the date of their approval by the Syndicate, i.e., on April 17, 1943.

II—ORDINANCES

5. Amendment of Ordinance 80, page 49 of the Handbook.*

Substitute the following for the existing Ordinance 80 :—

"The salary of the University Professor shall be Rs. 800 rising by annual increments of Rs. 50 to Rs. 1,000, that of the Reader shall be Rs. 400 rising by annual increments of Rs. 30 to Rs. 550, and that of the Lecturer shall be Rs. 250 rising by annual increments of Rs. 25 to Rs. 400 ; provided, however, that a person appointed to the post of Reader on or before the 22nd July, 1939, shall continue to receive his salary in accordance with the terms of the agreement entered into between him and the University.

Provided further that the Syndicate may, at their discretion, grant a personal allowance over and above the maximum salary fixed under this Ordinance to any Professor, Reader or Lecturer with the previous sanction of the Senate."

6. Amendment of Ordinance 158A, page 122 of the Handbook (subsequently amended in Item 5, Pamphlet No. 5—page 22 of the November 1942 issue of the *Bulletin*).

Substitute the following for Ordinance 158A :—

O.158A "Notwithstanding anything contained in Ordinances 158 and 163, candidates from Burma and Malaya, and such other places as the Syndicate may determine, who appear for the Matriculation Examination to be held in 1944, will be examined in all the heads mentioned in O.158, except head II (b). Such candidates shall be exempted from the paper

* This was subsequently referred back to the Syndicate by the Senate at their meeting on June 18.

under this head if the Second Language studied by them in Burma or Malaya, as the case may be, was any language other than those mentioned in head II (b) of O.158, and shall be required to obtain not less than 40 per cent. of the full marks in the paper under head II (a) of O.158 and not less than 35 per cent. of the full marks in each of the other heads, *viz.*, I, III, IV and V.

Such candidates shall not be eligible for any prize or scholarship or for distinction in head II."

7. Addition of a New Transitory Ordinance to Ordinance 287, page 562 of the Handbook.

Add the following Transitory Ordinance to Ordinance 287 :—

"(7) Where a member of a University Body or a person travelling on University business, other than an examiner, travels first class and makes a declaration to that effect, he will be entitled in addition to a first class fare each way to a halting allowance of Rs. 15 for the first day spent by him at the place where his presence is required for a meeting or otherwise, and a further halting allowance of Rs. 7-8 for each subsequent day so spent by him. He shall also be entitled to a halting allowance of Rs. 7-8 for each period of 24 hours spent by him in continuous travel."

(*The amended Ordinance was passed by the Syndicate at their meeting on April 24, 1943, and came into operation with retrospective effect from February 1, 1943*).

8. Amendment of Ordinance 288, page 562 of the Handbook.

In Ordinance 288, in line 3, *substitute* "Rs. 7-8" for "Rs. 6," and in line 7 of the same Ordinance, *substitute* "Rs. 15" for "Rs. 12" and "Rs. 7-8" for "Rs. 6."

[Ordinance 288 as *amended* reads as follows :—

O. 288 "In addition to the travelling allowance, Fellows and persons who are not Fellows of the University will be entitled to receive a halting allowance of Rs. 7-8 for each day of attending one or more meetings, or for each day spent at a place outside their headquarters on University business: Provided, however, that where the total distance travelled by such person in a single journey is over 400 miles, they shall be paid Rs. 15 instead of Rs. 7-8 as the halting allowance for the first day. Halting allowance may be given for a day on which there is no meeting on the day before and on the day after both of which the Fellow or other person attends."]

(*The amended Ordinance came into operation from April 1, 1943*).

III—REGULATION

9. Addition of a Transitory Regulation as Transitory Regulation 17C, page 171 of the Handbook.

Add the following as Transitory Regulation 17C :—

R. 17C (Transitory) "Notwithstanding the provisions of R.11A, members of the Karachi Company of the U. T. C. who produce a certificate from the Adjutant of the Company to the effect that they were due to appear for the Lower Certificate Examination this year, will be permitted to claim exemption from Logic at the Intermediate Arts Examination of 1943, provided, however, that they shall not be declared to have passed the Intermediate Arts Examination unless they shall have obtained the Lower Certificate of Efficiency issued by the Military authorities."

University Budget Estimates*

For 1943-44 at a Glance

Receipts

Particulars	Actuals 1941-42			Budget Estimates 1942-43	Actuals up to February 28, 1943	Revised Estimates 1942-43	Budget Estimates 1943-44
	Rs.	a.	p.	Rs.	Rs.	Rs.	Rs.
I. Tuition Fees	20,990	0	0	21,200	20,600	20,720	11,720
II. Examination Fees ...	11,14,724	8	0	11,82,000	1,96,427	9,99,010	11,35,000
III. Other Fees	1,64,992	2	0	1,94,300	77,956	1,54,210	1,55,000
IV. Income from Publications	20,520	7	6	15,550	9,208	10,550	10,450
V. Government Grant ...	1,53,318	7	0	1,52,936	93,179	1,52,926	1,19,500
VI. Interest	1,12,052	4	7	1,14,310	69,889	1,11,034	1,06,110
VII. Employees' Contribution to Provident Fund ...	10,587	6	0	12,455	7,178	10,833	7,870
VIII. Miscellaneous Receipts ...	58,653	8	2	39,230	61,923	82,460	16,030
IX. Interest from R. T. Mody Endowment Account ...	12,042	3	0	12,697	6,000	12,422	...
X. Interest from P. G. Singhanee Technology Endowment Account ...	30,710	9	0	34,370	16,000	35,365	...
XI. Hostel Rent	4,581	0	0	5,100	5,104	5,200	5,100
XII. Department of Chemical Technology	...			...	...	...	2,01,607
Total Income	17,03,172	7	3	17,84,148	...	15,94,730	17,68,387
Excess of Expenditure . .	...			...	...	66,580	68,285†
Total	17,03,172	7	3	17,84,148	...	16,61,310	18,36,672

* As originally placed by the Syndicate before the Senate Meeting held on June 17 and 18, when † this figure was raised to Rs. 97,185.

Expenditure

	Rs.	a.	p.	Rs.	Rs.	Rs.	Rs.
I. Establishment Charges ...	77,043	2	0	81,689	56,718	85,044	92,498
II. Examination Charges ..	8,67,874	7	10	9,29,270	1,54,441	8,51,129	9,49,720
III. Travelling Allowances ..	50,828	0	6	61,500	33,032	50,000	60,500
IV. Printing, Stationery and Postage	55,096	12	4	70,000	48,060	72,470	74,500
V. University Departments	2,95,199	12	2	3,34,782	2,44,514	3,47,699	4,39,661
VI. University Hostel ...	13,712	11	0	14,935	9,064	15,361	15,410
VII. Other Post-graduate Work Research, etc. .	19,859	12	0	25,225	9,270	25,225	14,325[1]
VIII. University Library ...	53,767	6	4	66,192	29,627	63,920	52,681[2]
IX. Physical Culture	42,919	10	5	45,000	13,017	30,300	47,000
X. University Information Bureau	3,738	0	0	4,508	...	...	...
XI. University Publications and Grants for Publication	19,396	6	3	22,200	17,674	32,225	10,000[3]
XII. University Buildings ...	15,852	8	6	16,300	14,649	18,695	17,000
XIII. University Gardens ...	3,236	3	0	4,192	2,749	4,950	5,450
XIV. Taxes and Law Charges	5,570	6	0	5,610	2,834	5,610	5,610
XV. Provident Fund Inclusive of University Contributions	20,799	12	0	24,535	7,178	21,291	15,365
XVI. Pensions	6,678	11	0	6,642	4,428	6,642	6,642
XVII. Miscellaneous	42,182	3	10	50,855	18,489	30,749	30,310[4]
Total Expenditure	15,93,955	13	2	17,63,435	...	16,61,310	18,36,672[5]
Surplus of Income	1,09,216	10	1	20,713	...	...	...
Total	17,03,172	7	3	17,84,148	...	16,61,310	18,36,672[5]

(1) Rs. 22,225; (2) Rs. 62,681; (3) Rs. 20,000; (4) Rs. 31,310: To these sums these particular grants were increased by the Senate; and therefore, the total (5) to Rs. 18, 65, 572.

Budget Notes

The Senate considered the Annual Financial Statement, including the Budget Estimates for 1943-44 and the Revised Estimates for 1942-43, placed before them by the Syndicate, at their meeting held on June 17 and 18.

For the first time after the year 1922-23 the University Budget showed a deficit of Rs. 68,285/- instead of a surplus. The reasons for this deficit are a fall in the income from the fees of the University Examinations, increased expenditure on the University Departments and also on various other items owing to War conditions. The fall in income under this head for the current year is to the extent of nearly Rs. 1,83,000 and has resulted in a deficit of over Rs. 66,000 in the Revised Estimates for 1942-43. It is due to the irregular attendance of a large number of Matriculation and College students during the year in consequence of the disturbed political atmosphere since August 1942.

With a view to economy, the Syndicate have decided, for the duration of the war, to suspend the routine inspection of Colleges and Schools, except for the purposes of affiliation, renewal or extension of affiliation, recognition or renewal of recogntion. The Budget provision under the sub-heads of Inspection of Schools and Colleges has accordingly been reduced by half.

The Syndicate had made considerable reductions in the Budget provision for the following: (i) Lectures under the auspices of the University; (ii) Contribution for Research Work; (iii) Books and Periodicals; (iv) University *Journal* and *Bulletin*.

They had also made no provision at all for the following: (i) Grants for Holding Conferences; (ii) Inter-University Tournaments; (iii) Grants for Publications; (iv) Grants for Printing Rare Books; (v) Delegation Fees and Travelling Allowances.

The Budget, however, was passed by the Senate subject to increases in the grants under the following heads:

Contribution for Research (VII—3): The figure of Rs. 2,500, was replaced by Rs. 10,400.

Books and Periodicals (VIII—1): The grant was increased from Rs. 15,000 to Rs. 25,000 .

Grants for Publications (XI—2): A grant of Rs. 10,000 was provided for.

Delegation Fees and Travelling Allowances (XVII—10): A sum of Rs. 1,000 was added.

These increases, in addition to the grants already sanctioned by the Senate, raised the proposed deficit of Rs. 68,285 in the Budget to Rs. 97,185.

RECEIPTS SIDE

I. Tuition Fees

Provision was made for 20 students, paying a fee of Rs. 50 each per term, for the Diploma Course in Librarianship started this year.

II. Examination Fees

The Revised Estimates showed a decrease of nearly Rs. 1,83,000 which not only wiped out the anticipated surplus of Rs. 58.123, subsequently reduced to Rs. 20,713, but created a deficit for the current year. This decrease in the income from Examination Fees was due to a considerable fall in the number of candidates appearing for the several University Examinations.

III. Other Fees

The Revised Estimates for the fees from the First Year Certificates fell below the Budget Estimates for the current year by Rs. 35,000. The cause for the decrease was the same as that mentioned in the last preceding note. Owing to the much smaller number of candidates appearing at the Matriculation Examination, the Budget Estimates for next year provide for only a very slight increase over the Revised Estimates.

The Revised Estimates for Certificates (including Certificates o Eligibility) show an increase of Rs. 2,000. This is due to the fact that a large number of evacuee students from Rangoon, Calcutta and other places affected by the War migrated to this Unviersity during the current year.

IV. Income from Publications

As it has been decided not to print any more pamphlets of question-papers for the duration of the War, owing to scarcity of paper and the heavy cost of printing, the income under this head is bound to go down. Only a sum of Rs. 500 has been provided in the Budget Estimates to represent the income that may be derived from the sale of old pamphlets.

The income from the sale proceeds of the University Publications has gone down in view of the policy of the University to repeat the same text-books for a period of three years.

XII. University Department of Chemical Technology

The higher figure of tuition fees in the Budget Estimates is due to the increased admissions that have been made from June.

The Government of Bombay have sanctioned an annual recurring grant-in-aid of Rs. 34,000 to the University for the Department, subject to certain conditions.

The Revised Estimates for income from analytical and technical investigations and subsidised Fellowships are considerably in excess of the budgeted amounts owing to the increasing amount of analytical and technical work carried out on behalf of Government and industry and the large number of subsidies endowed for investigating technical problems.

While the Sir Dorabji Tata Trust has offered an endowment of Rs. 2 lakhs, the sum is to be paid in six instalments of which the first will be Rs. 50,000, and interest at 3½% has been calculated on this figure.

EXPENDITURE SIDE

II. Examination Charges

The Budget Estimates have been based on the actuals for 1941-42, having due regard to anticipated numbers. The figure of the Revised Estimates for proof correction charges has exceeded the Budget Estimates of this year on account of an increase in the number of centres at the Matriculation and higher Examinations. A large sum has been provided in the Budget Estimates for travelling allowances to Examiners, etc., in view of the changes made by the Syndicate in the rules regarding payment of travelling allowances to Examiners, and also in view of an increase in the rate of halting allowance from Rs. 6 to Rs. 7-8 per day from April 1. The Budget Estimates for printing also show an increase, as the cost of printing has gone up considerably on account of the War.

The Revised Estimates for answer-books show a decrease of 50 per cent. This is due to the fact that, owing to the control of paper supply, a very much smaller quantity of paper than usual was available. In order to make this short supply serve the needs of all the Examinations, the numbers of pages in the answer-books have been reduced, and sections have been abolished in many question-papers. The candidates continue to write on both sides, as they have been doing since the commencement of the War. For the next year, provision has been made on the same basis as last year, because the price of paper is mounting, and there will be very little surplus stock left over from this year. The Revised Estimates for Assistants and Servants at Practicals show a decrease of Rs. 13,000, as the University is not holding Practical examinations this year for Intermediate Science candidates taking Physics, Chemistry and Mathematics as their subjects.

IV. Printing, Stationery and other Charges

The Revised Estimates for Stationery have exceeded the Budget Estimates of the year in spite of all possible economy. This is due to soaring prices. A larger provision has been made for next year as prices are still on the upward grade. The increase of Rs. 2,000 in the Budget Estimates for Postage and Telegrams is due to an increase in correspondence and in the postal rates.

V. University Departments

A. Departments of Economics and Sociology

A provision has been made for four new Lectureships, two in the Department of Economics and two in the Department of Sociology, proposed to be instituted with effect from November 1, and also for two new Research Assistants, one in each Department.

The increase in Scholarships is consequential on the raising of the stipend from Rs. 30 to Rs. 50 per month. And an increase of Rs. 1,000 has been budgeted for Research Grants, as it is proposed to do investigation work in the Department of Economics in connection with the problem of War Economics and Post-War Reconstruction, on the lines of the study of Price-Control and Food Supply carried out with special reference to Bombay City this year.

B. Department of Chemical Technology

The Budget proposals include the revival of the post of Reader in Dyeing and Printing and the creation of the following new posts :—

1. Singhanee Lecturer in Industrial Optics (*in lieu* of the post of Research Assistant in Optics);
2. Singhanee Lecturer in General Engineering (*in lieu* of the post of Demonstrator in General Engineering and Drawing);
3. Singhanee Lecturer in Pharmacy;
4. Lecturer in Foods and Drugs;
5. Additional Demonstrator in Chemical Engineering;
6. Demonstrator in Pharmaceutical Chemistry;
7. Demonstrator in Chemistry of Foods and Drugs;
8. Singhanee Demonstrator in Chemical Technology;
9. Research Assistant in Chemical Technology.

An increase in the workshop staff has been made for the creation of a post of Senior Mechanic and of one additional Mechanic. A separate library staff required in the new buildings on account of the geographical separation of the Library from the Office, has been provided for. The excess in the Revised Estimates over the budgeted amount for Singhanee Fellowships is due to seven Fellows being appointed instead of six as originally anticipated. The schemes of industrial research undertaken during the year were also more numerous than anticipated and there has been a consequent increase in the expenditure on subsidised Fellowships. The contribution to the fund for the depreciation of obsolescence of machinery has been increased from Rs. 17,500 to Rs. 31,500 in order to meet the increased expenditure on new machinery.

C. Department of Military Studies

Provision has been made for the expenditure on the Department.

Brigadier S. A. H. Hungerford has been appointed Director of the Department, and took charge on July 1.

VII. Other Post-graduate Work, Research, etc.

The grants under Lectures and Contribution for Research were reduced by Rs. 1,000 and Rs. 7,500 respectively, but the Senate in the latter case increased the amount to Rs. 10,400. No provision has been made for grants for holding conferences with a view to economy.

VIII. University Library

A reduction of Rs. 12,000 was made in the Budget provision for books and periodicals partly as a measure of economy and partly because it is difficult to purchase books owing to War conditions, but the Senate increased this grant by Rs. 10,000.

A provision of Rs. 2,500 has been made by way of allowances to be paid to the Librarian, to the Assistant Librarian, and to the Librarian, University School of Economics and Sociology, for work outside office hours, in connection with the giving of instruction in the Diploma Course in Librarianship.

Owing to the inordinate rise in the prices of binding materials, printing commodities, etc., necessary increase in the relevant items of expenditure has been made. The Library Committee has none the less resolved not to print *The List of Additions for 1942.*

IX. Physical Culture

Owing to the disturbances and the poor attendance in the Colleges after August 1942, the Inter-Collegiate Sports were not held during the current year. Hence the expenditure was practically nil. For the Budget Year a slight increase has been made to cover the cost of travelling expenses and food charges for teams and players.

As several Universities did not participate in the Inter-University Cricket Tournament this year, only one match had to be played. This resulted in a saving of over 55 per cent. No provision is made in the Budget for Inter-University Tournaments on account of the difficulties of travel and the necessity of effecting economy in view of the deficit in the Budget.

An increase of Rs. 5,000 has been provided for the expenses of Medical Inspection to meet the extra expenditure on conveyance and materials connected with the medical inspection owing to War conditions.

XI. University Publications and Grants for Publications

Owing to the scarcity of paper and the prohibitive cost of printing, no provision was made for the grants for publications and the printing of rare books, but the Senate sanctioned a grant of Rs. 10,000 for publications. The expenditure on the University *Journal* and *Bulletin* has been reduced by Rs. 2,000.

A provision of Rs. 2,000 has been made for payments on account of copyright as the permission for the use of copyright matter secured

from authors will shortly expire, and it will be necessary to make fresh payments to them to secure such permission for the further use of their writings.

XII. University Buildings

The excess in the Revised Estimates for repairs is due to some urgent work which had to be done to render the Clock Tower safe and to prevent further damage, pending complete renovation of the decayed floors in the building. (See Note on Repairs, below).

XVII. Miscellaneous

As a measure of economy no Budget provision was made for delegation fees and travelling allowances ; but the Senate allotted a sum of Rs. 1,000 towards this item of expenditure.

CAPITAL EXPENDITURE

Repairs to Rajabai Tower Clock Building

About the middle of February, it was found that the floor immediately above the Library in the Clock Tower had given way. On a careful inspection, it was found that the beams and part of the floor which supported the machinery of the Clock had decayed and become dangerous, with the result that it became necessary to stop the working of the Clock and to support this floor by means of ropes and steel beams as a temporary measure. It is estimated that the cost of complete repairs, which involve the building of new reinforced concrete floors, will be about Rs. 60,000.

Award of Grants

Publication Grants

The following have been awarded Publication Grants of the amounts shown against their names:—

Name	*Title of Publication*	*Amount Rs.*
1. Mr. S. M. Muzumdar ...	Banking in Maharashtra Before the Advent of Joint-Stock Banking in India...	400
2. Mr. S. B. Joshi ...	Kannada Nudiya Jivala	100
3. Professor R. S. Mugali ...	The Heritage of Karnatak	200
4. Mr. C. G. Karve ...	Lexicon of Marathi Idioms and Proverbs, Vol. II	250
5. Professor V. H. Date ...	Anatomy of Spiritual Life	200

Research Grants

The following have been awarded Research Grants of the amounts shown against their names :-

Name	*Subject of Research*	*Amount Rs.*
1. Mr. B. W. Bhat ...	Research on Original Historical Documents in Persian (1636-1707) and in Marathi (1707-1818) which are in the possession of the descendents of Vithoji Raje Bhonsale	200*
2. Dr. N. L. Phalnikar ...	Adsorption of Antiseptic Property with special reference to Phenols ...	250*
3. Mr. H. S. Neglur ...	Administrative Institutions in Ancient Karnatak	200
4. Dr. T. M. Oza ...	The Reactions of Hyponitrites and Related Substances	400*
5. Mr. Laxman Shastri Joshi	Collection of Material for the 2nd Volume of Dharmakosha, *viz.*, Varnashrama Dharma and Sankara Kanda ...	650*
6. Mr. Shaikh Abdul Samad	Nasikh and his Age (Nasikh—the Founder of the Lucknow School of Poetry: Research on his Parentage and Early Life)—Work to be carried out under the guidance of Professor N. A. Nadvi ...	300
7. Dr. Mrs. Iravati Karve ...	The Anthropometric Measurements of the Different Castes in Maharashtra (Independent Research)	400
8. Dr. M. W. Chiplonkar ...	Photographic Study of Clouds, Atmospheric Optics and Electricity (Independent Work)	300

* Subject to certain conditions.

Examination Results

The following statement shows the total number of students who appeared at and passed the various Examinations held during the first half of the year 1943 :—

Examination	*Number Appeared*	*Number Passed*	*Per Cent.*
Matriculation	27,113	13,985	51.05
Intermediate Arts	3,378	2,084	61.63
Bachelor of Arts	1,820	1,395	76.43
Master of Arts	243	161	64.66
Intermediate Commerce	496	263	52.82
Bachelor of Commerce	260	128	49.42
Diploma in Teaching	155	92	59.35
Bachelor of Teaching	497	436	87.72
Intermediate Science	3,372	1,987	58.65
Bachelor of Science	838	651	81.30
Master of Science (Maths.)	15	6	40.00
First Year in Science (Agri.)	101	67	66.33
Second Year in Science (Agri.)	73	62	84.93
Bachelor of Science (Agri.)	99	81	81.82
First Year Engineering	226	116	51.55
Second Year Engineering (Civil) ...	137	97	70.80
Second Year Engineering (Mech. and Elec.)	59	47	77.96
Bachelor of Engineering (Civil) ...	123	97	75.61
Bachelor of Engineering (Mechanical) ...	45	37	75.00
Bachelor of Engineering (Electrical) ...	37	25	67.57
Bachelor of Science (Tech.) ...	23	22	95.65
B.Sc. (Tech.) First Year Translation Test	21	19	90.47
First Bachleor of Laws	684	292	42.69
Second Bachelor of Laws	837	329	39.31
First M.B., B.S.	208	85	40.86
Second M.B., B.S.	119	86	72.26
Third M.B., B.S.	168	48	28.57
Bachelor of Hygiene	1	...	.....
Diploma in Public Health	9	1	11.11
Doctor of Medicine	26	6	23.07
Master of Surgery	12	5	41.66
Diploma in Ophthalmology	5	2	40.00
Master of Science (Translation Test) ...	57	31	54.38
Master of Science (By Papers) ...	27	16	29.25
Master of Commerce	10	9	90.00
Master of Laws	16	6	37.6

Scholarships and Prizes

The following are the Scholarships, Prizes and Medals awarded on the results of Examinations held in March and April 1943:—

MATRICULATION

GENERAL

The First Jugonnath Sunkersett Scholarship—to *Miss Vatsala Tirumalrao Patil*, of A. K. Girls' High School, Dharwar.

The Second Jugonnath Sunkersett Scholarship—to Dattatray Yeshwant Rajadhyax, of Chikitsaka Samooha Shirolkar High School, Girgaum.

The Cowasji Jehangir Latin Scholarship—to Arthur Patrick Machado, of St. Vincent's High School, Poona.

The Ellis Prize—to Barjor Ratanji Panthaki, of Sheth Anandilal Podar High School, Santa Cruz.

The Bai Maneckbai Byramji Jijibhoy Prize—to *Miss Nalini Wishwekar Phenani*, of Ram Mohan English School, Girgaum.

The Chatfield Prize—to *Miss Vatsala Tirumalrao Patil*, of A. K. Girls' High School, Dharwar.

The Miss Yamunabai Atmaram Dalvi Scholarship—to *Miss Vatsala Tirumalrao Patil*, of A. K. Girls' High School, Dharwar.

The Sir Dinshaw Maneckji Petit (First Baronet) Scholarship—to Barjor Ratanji Panthaki, of Sheth Anandilal Podar High School, Santa Cruz.

The Dr. Dadabhai Naoroji Scholarship—to *Miss Violet Mary Dias*, of St. Joseph's Convent School, Belgaum.

The Edward Dalgado Scholarship—to Roque Manuel Cardoso, of Popular High School, Margao, Goa.

The Bai Sitabai R. Naik Scholarship—to Gururaj Gopalacharya Archik, of Municipal High School, Haveri.

The Narhar Rowjee Beedkar Scholarship—divided equally between: 1. Bhalchandra Madhav Udgaonkar, of King George English School, Dadar, and 2. Hanamant Baburao Remane, of City High School, Sangli.

The Narhar Rowjee Beedkar Prize—to Narayan Shripad Kulkarni, of Modern High School, Poona.

The Professor Shripad Gajanan Acharya Prize—to *Miss Vatsala Tirumalrao Patil*, of A. K. Girls' High School, Dharwar.

The Jaffar Cassum Moosa Gold Medal—divided equally between: 1. Mohd. Athar Ismail Harris, of Sardar Haji Amir Saheb Rais High School, Bhiwandi, 2. Mohammad Ishaque Wagle, of Ismail Begmohammad High School, Mandvi, and 3. Abdullatif Asdullah, of Municipal High School, Nandurbar.

SECTARIAN AND TERRITORIAL

The First Rao Sir Pragmalji Scholarship—to Surendraray Chhabildas Dholakia, of Alfred High School, Bhuj.

The Second Rao Sir Pragmalji Scholarship—to Umar Usaf Deda, of Alfred High School, Bhuj.

The First Sir Jasvantsingji Scholarship—to Amritlal Maganlal Dhanak, of Alfred High School, Bhavnagar.

The Second Sir Jasvantsingji Scholarship—to Kantilal Vajeram Bhatt, of L. D. Mooni High School, Sihor.

The Sir George Le Grand Jacob Scholarship—to *Miss Esther Abraham Solomon*, of Sheth G. T. High School, Rajkot.

The Jairazbhoy Peerbhoy Scholarship—to Rashid Ahmed Ghulam Akhatar, Narayan Jagannath Vaidya High School, Karachi.

The Sir Frank Souter Scholarship—divided equally between: 1. Mohd. Athar Ismail Harris, of Sardar Haji Amir Saheb Rais High School, Bhiwandi, 2. Mohammad Ishaque Wagle, of Ismail Begmohammad High School, Mandvi, and 3. Abdullatiff Asdullah, of Municipal High School, Nandurbar.

The First Bhau Saheb Desai Scholarship—to Chandravadan Harilal Gandhi, of Government High School, Nadiad.

The Second Bhau Saheb Desai Scholarship—to Manherlal Mohanlal Talati, of Government High School, Nadiad.

The Kutchi Divan Bahadur Manibhai Prize—to Surendraray Chhabildas Dholakia, of Alfred High School, Bhuj.

The James Greaves Scholarship—to Rajnikant Biharilal Vachhrajani, of R. S. Dalal High School, Broach.

The Divan Bahadur Lakshman Jagannath Vaidya Scholarship—to Vasant Narayan Patankar, of Nutan Mandir Vidyalaya High School, Poona.

The Vallabhdas Valji Scholarship—to Jayantilal Mohanlal Sampat, of King George English School, Dadar.

The R. M. Sayani Khoja Testimonial Scholarship—to Pyaralli Ahmed Dossal, of St. Stanislaus High School, Bandra.

The Dossabhai Framji Cama Scholarship—to Gururaj Gopalacharya Archik, of Municipal High School, Haveri.

The Lord Sandhurst Scholarship—to Abdulrahim Alimohamed Nakuda, of St. Joseph's High School, Umarkhadi.

The Ebrahim Nurdin Scholarship—to Saifuddin Jaferbhoy Tambawalla, of Esplanade High School, Fort, Bombay.

The Rao Bahadur Karamsi Damji Scholarship—to Morarji Narayanji Pandhi, of New Era School, Gamdevi, Bombay.

The Rajaram Govindram Scholarship—to Vasantlal Ranchhodlal Mehta, of Fort and Proprietory High School, Bombay.

The Dinanath S. Mankar Gold Medal—to Bhalchandra Madhav Udgaonkar, of King George English School, Dadar.

The Sardar Bhimrao Ramrao Akbarnawis Sanskrit Scholarship—to *Miss Vatsala Tirumalrao Patil*, of A.K.Girls' High School, Dharwar.

INTERMEDIATE ARTS

General

The Hughlings Prize—to *Miss Dhirendrabala Gordhandas Patel*, of Elphinstone College, Bombay.

The Venayekrao Jugonnathji Sunkersett Prize—to Ramchandra Hari Gadgil, of Willingdon College, Sangli.

The Varjivandas Madhavdas Sanskrit Scholarship—to Ramchandra Hari Gadgil, of Willingdon College, Sangli.

The Wordsworth Scholarship and Prize—to Devendra Laxmishankar Dave, of Elphinstone College, Bombay.

The Bai Dayacore Morarbhoy Vijbhukhandas Sanskrit Scholarship—to Divakar Ramchandra Laud, of Wilson College, Bombay.

The Shivchand Amarchand Talakchand Jain Literature Scholarship—to Hindumal Manajee Shaha, of Sir Parashurambhau College, Poona.

The Bai Jaiji Pallonji Lalcaca Scholarship—to *Miss Dhirendrabala Gordhandas Patel*, of Elphinstone College, Bombay.

The Professor Shripad Gajanan Acharya Prize—to Ramchandra Hari Gadgil, of Willingdon College, Sangli.

The Jaffar Cassum Moosa Gold Medal—to *Miss Maryam E. H. Jaffer*, of Nowrosjee Wadia College, Poona.

Sectarian and Territorial

The Sir Frank Souter Scholarships—to : 1. Mir Mahomed Abdul-Satar Memon, of D. J. Sind College, Karachi, and 2. Mubarakali Ghulam Hussain Shaikh, of Chellasing and Sitaldas College, Shikarpur.

The Bhavnagar Percival Scholarship—to *Miss Dhairyabala Chhaganlal Parekh*, of Samaldas College, Bhavnagar.

The Gangubai Bhat Scholarship—to *Miss Kanta Ramchandra Ranadive*, of Elphinstone College, Bombay.

The Framji Sorabji Bhavnagri Scholarship—to Kawas Phirojshaw Dastoor, of St. Xavier's College, Bombay.

The Rao Bahadur Parvatishankar Manishankar Dave Scholarship—to *Miss Mugdha Manharlal Diwan*, of M. T. B. College, Surat.

The Ibrahimbhoy Rahimtulla Khoja Testimonial Scholarship—to Alibhai Habib Lakhani, of Bahauddin College, Junagadh.

BACHELOR OF ARTS

General

The Ellis Scholarship—to *Miss Minal Manubhai Mehta*, of Elphinstone College, Bombay.

The James Taylor Prize—to Keshav Vishnu Pandit, of Fergusson College, Poona.

The Bhau Daji Prize—to Gajanan Balkrishna Palsule, of Sir Parashurambhau College, Poona.

The Lord Minto Scholarship—to Keshav Vishnu Pandit, of Fergusson College, Poona.

The Professor Shripad Gajanan Acharya Prize—to Gajanan Balkrishna Palsule, of Sir Parashurambhau College, Poona.

The Jaffer Cassum Gold Medal—to Azizbeg Yasinbeg Mirza, of Baroda College, Baroda.

The Khan Bahadur Fardunji M. Dastur Prize—to Laxman Govind Kale, of Sir Parashurambhau College, Poona.

SECTARIAN AND TERRITORIAL

The Dhirajlal Mathuradas Scholarship—to Gangji Bhuta Viradia, of Dharmendrasinhji College, Rajkot.

The Pherozeshah Merwanji Jijibhai Avesta-Pahlavi Scholarship—to Minocher Pallonji Bhadha, of St. Xavier's College, Bombay.

The Prahlad Sitaram Patwardhan Scholarship—to Ratanlal Hirachand Baldota, of Rammarain Ruia College, Matunga.

The Gangadas Rangildas Scholarship—to Laxman Govind Kale, of Sir Parashurambhau College, Poona.

The Dadoba Pandurung Turkhadkar Gold Medal—to *Miss Sarojini Narayan Pathak*, of Sir Parashurambhau College, Poona.

MASTER OF ARTS

The Chancellor's Medal—to Rafeeque Ahmed Zakaria, of Ismail Yusuf College, Jogeshwari.

The Bhugwandass Purshotumdas Sanskrit Scholarship—to Gajanan Narayan Dike, of Sir Parashurambhau College, Poona.

The Sujna Gokulji Zala Vedanta Prize—to Gajanan Narayan Dike, of Sir Parashurambhau College, Poona.

The Kashinath T. Telang Gold Medal and Prize—to *Miss Leela Dattatraya Vaidya*, of Sir Parashurambhau College, Poona.

The Sir Lawrence Jenkins Scholarship—to Sadashiv Balkrishna Kulkarni, of Sir Parashurambhau College, Poona.

The Miss Sokaribai S. Mankar Scholarship—to *Mrs. Madhumalati Apte*, of Sir Parashurambhau College, Poona.

The Sir William Wedderburn Scholarship—to Mushtaq Ahmad Muhiuddin Patel, of Ismail Yusuf College, Jogeshwari.

The Shridhar Ramkrishna Bhandarkar Prize—to Bhalchandra Balakrishna Palekar, of Wilson College, Bombay.

The Jaffer Cassum Moosa Gold Medal—to Bashir Ahmad Ida, of Baroda College, Baroda.

INTERMEDIATE COMMERCE

General

The Sir James Begbie Scholarship in Commerce—to Sam Framroze Joshi, of Sydenham College of Commerce and Economics, Bombay.

Sectarian

The Mangaldas Harivallabhdas Commerce Scholarship—to Hastimal Singhi, of Sydenham College of Commerce and Economics, Bombay.

BACHELOR OF COMMERCE

Sectarian

The Mangaldas Harivallabhdas Commerce Prize—to Radheyshyam Ramkumar Morarka, of Sydenham College of Commerce and Economics, Bombay.

INTERMEDIATE SCIENCE

General

The Gibbs Prize—divided equally between: 1. Purushottam Balkrishna Kerkar, of Ramnarain Ruia College, Bombay, and 2. Dattatray Ganesh Dhavalekar, of Fergusson College, Poona.

The Sir Dinshaw Maneckji Petit (First Baronet) Science Scholarship—to Jayendrarai Parbatrai Joshipara, of Fergusson College, Poona.

The Sir Dinshaw Maneckji Petit Medical Scholarship—to *Miss Suman Shripati Junnarkar*, of D. J. Sind College, Karachi.

Sectarian and Territorial

The Mrs. Satyavati Lallubhai Samaldas Scholarship—to *Miss Gopi Bhojraj Advani*, of D. J. Sind College, Karachi.

The Noormahomed Jairazbhoy Peerbhoy Scholarship—to Amirali Abdulkarim Alidina, of Wilson College, Bombay.

The Byramji Nusserwanjee Koyajee Scholarship—to Phiroz Kaikobad Antia, of Gujarat College, Ahmedabad.

The Dr. Ismail Jan Mahomed Scholarship—to Ebrahim Abdulla Kazim, of St. Xavier's College, Bombay.

The Pestonji Hormasji Cama Scholarship—to *Miss Mani Bomanji Contractor*, of Elphinstone College, Bombay.

BACHELOR OF SCIENCE

General

The Sir James Fergusson Scholarship in Arts—to Ramnath Venkatachalam, of Royal Institute of Science, Bombay.

Sectarian and Territorial

The Sardar Bhimrao Ramdas Akbarnavis Science Scholarship—to Ashok Ramchandra Shirali, of Royal Institute of Science, Bombay.

FIRST EXAMINATION IN ENGINEERING

The Kahandas Mancharam Scholarship—to Madhusudan Gopallal Adhyaru, of College of Engineering, Poona.

The Colonel Patrick French Scholarship—to Vishnu Ramchandra Deuskar, of College of Engineering, Poona.

SECOND EXAMINATION IN ENGINEERING

The Nusserwanji Jehangirji Wadia Scholarship—to Bezon Manckshaw Daver, of College of Engineering, Poona.

The Rao Bahadur Rajadhyakshya Scholarship—to Mahalingeshvar Channappa Kudari, of College of Engineering, Poona.

The Theodore Cooke Memorial Prize to Anant Ramchandra Raichur, of College of Engineering, Poona.

BACHELOR OF ENGINEERING

(CIVIL)

The James Berkley Gold Medal and Prize—to Khushroo Phirozeshah Battiwalla, of College of Engineering, Poona.

The Rao Bahadur Rajadhyakshya Gold Medal—to Khushroo Phirozeshah Battiwalla, of College of Engineering, Poona.

The Jamshedji Dorabji Naegamwala Prize—to Natverlal Vavabhai Muzoomdar, of College of Engineering, Poona.

The Theodore Cooke Memorial Prize—to Khushal Devchand Shah, of College of Engineering, Poona.

(MECHANICAL)

The Merwanji Framji Panday Scholarship—to Devadatta Janardan Nerurkar, of College of Engineering, Poona.

(ELECTRICAL)

The Rao Bahadur Rajadhyakshya Gold Medal—to Hiro Jethanand Mirchandani, of N. E. D. College, Karachi.

BACHELOR OF SCIENCE (TECH.)

The Byramji Ratanji Lentin Technological Scholarship—to Chittur Venkatramier Padmanabhan, of University Department of Chemical Technology, Bombay.

The Amelia wife of Dr. A.G. Viegas Scholarship—to Bhaskar Ramchandra Pathak, of University Department of Chemical Technology, Bombay.

FIRST LL.B.*

The Kinloch Forbes Gold Medal and Prize—to Lucius Wycliffe, of Government Law College, Bombay.

The Nandashankar Parvatishankar Dave Scholarship—to Janardan Gordhanjee Trivedi, of Sarvajanik Law College, Surat.

The Sohrab Khorshed Dastur Scholarship—to Ganesh Gangadhar Karnik, of Law College, Poona.

SECOND LL.B.*

General

The Arnold Scholarship—to Birjmohan Bhagatram Gujral, of Government Law College, Bombay.

The Judge Spencer Prize—to Brijmohan Bhagatram Gujral, of Government Law College, Bombay.

The Sir Narayan G. Chandavarkar Hindu Law Scholarship—divided equally between: 1. Dinshah Pirosha Madon, of Government Law College, Bombay, and 2. Rohit Mangaldas Munsiff, of Sarvajanik Law College, Surat.

The Gussie K. Kanga Scholarship—to Khialdas Metharam Satwani, of S. C. Shahani Law College, Karachi.

Sectarian

The Mancherji Nowroji Banaji Scholarship—to Pesi Kaikhasharu Sholapurwalla, of Law College, Poona.

FIRST M.B., B.S.

The Sir James Fergusson Scholarship in Medicine—to *Miss Sumati Anant Khare*, of Seth G. S. Medical College, Bombay.

The Lady Reay Medical Scholarship—to *Miss Sumati Anant Khare*, of Sheth G. S. Medical College, Bombay.

The Dr. Yeshwant Govind Nadgir Scholarship—to *Miss Kamalini Shamrao Moolgavkar*, of Grant Medical College, Bombay.

SECOND M.B., B.S.

The Bai Ratanbai Ratanji Lentin Scholarship—to *Miss Lourdes Claudette DeSouza*, of Seth. G. S. Medical College, Bombay.

THIRD M.B., B.S.

The Charles Morehead Prize—to *Miss Freny Nosherwan Kohiyar*, of Grant Medical College, Bombay.

*These awards of the Scholarships and Prizes have been made on the results of the Examinations held in October 1942 and April 1943.

The Viceroy's Silver Medal—to *Miss Freny Nosherwan Kohiyar*, of Grant Medical College, Bombay.

The Scholarship of the Medical Women for India Fund of 1883—to *Miss Freny Nosherwan Kohiyar*, of Grant Medical College, Bombay.

The Lady Reay Silver Medal and Prize—to *Miss Freny Nosherwan Kohiyar*, of Grant Medical College, Bombay.

The Dr. R. S. Poredi Gold Medal—to *Miss Freny Nosherwan Kohiyar*, of Grant Medical College, Bombay.

The Balkrishna Sudamji Prize—to Jagjiwan Gopalji Unadkat, of Seth G. S. Medical College, Bombay.

The Bai Hirabai Pestanji Hormasji Cama Gold Medal—to *Miss Leila Mahadeorao Dhadphade*, of Seth G. S. Medical College, Bombay.

The Lord Sandhurst Gold Medal—to Umanglal Chhotalal Mehta, of Seth G. S. Medical College, Bombay.

The J. C. Lisboa Gold Medal—to Omar Valli Jooma, of Seth G. S. Medical College, Bombay.

M.D.

The Prince of Wales Gold Medal and the Hansraj Pragji Thackersey Prince of Wales Fellowship—to Burjor Cavas Dastur, of Seth G. S. Medical College, Bombay.

D.Sc.

The Moos Medal for the year 1942-43 has been awarded to Dr. Moreshwar Wasudeo Chiplonkar, the only candidate who took the D.Sc. Degree during the year.

ESSAYS

The Sir George Le Grand Jacob Prize of 1941 has been awarded to Mr. Vasantrai P. Vithalpura, for his essay on "Development of Indian Industries During the Last Thirty Years."

The Sir George Le Grand Jacob Prize of 1942 has been awarded to Mr. Homy S. H. Jhabvala, for his essay on "A Study of the Influences Leading to Unity and Disunity in India."

The V. N. Mandlik Gold Medal and Prize of 1942—A prize of books of the value of Rs. 250 has been awarded to Mr. Madhukar Anant Mehendale, for his essay on "Social Customs of the People as Pictured in Folk-Tales in Sanskrit Literature, such as Panchtantra, Kathasaritsagara, Simhasanadvatrimsika, Sukasapti and other works of a similar nature."

The Ashburner Prize of 1942 has been awarded to Mr. Bhaskar Nagesh Phadke, for his essay on "History of Dyes and Dyeing in the Bombay Province."

The D. H. Cama Prize of 1942 has not been awarded as the essay received was not of sufficient merit to deserve the prize.

The Lady Tata Memorial Trust Awards

The Trustees of the Lady Tata Memorial Trust announced on June 18, the Awards of the following Scholarships and Grants for the year 1943-44 :

I. *International Awards* for Research in Diseases of the Blood with special reference to Leucaemias—

1. Professor L. Doljanski, of Jerusalem :

To continue studies on (1) Leukotic cells and agent of fowl leukosis in vitro ; (2) The x-ray susceptibility of leukotic agent ; (3) The dell affinities of oncogenic viruses and the mutual relationship between Rous Sarcoma agent and agent of fowl leukosis. (Grant of £400 ; Second Year's Award).

2. Dr. Jacob Furth, of American nationality, Cornell University Medical College, New York :

To continue the work in progress upon the Leucaemias like diseases of fowls and their relation to neoplasms, and to determine the nature of viruses producing leucaemias and associated neoplasms lymphomatosis, myelomatosis, endothelioma, sarcomas, etc., etc. (Grant of £300 ; Ninth Year's Award).

3. Dr. P. A. Gorer, Guys Hospital, London :

To continue the studies in the genetics of mouse Leucaemia. (Grant of £70 ; Fourth Year's Award).

4. Dr. A. H. T. Robb-Smith, Nuffield Reader in Pathology and Morbid Anatomy, Oxford University :

To continue the aid to the establishment of a " Lymphonode Registry " in the School of Pathology at Oxford, to aim at better classification and follow up of human cases showing progressive hyperplasias and neoplasms of the lymphoreticular tissues, including cases of the leucaemias, lymphadenoma, lympho sarcoma, etc. (Grant of £350 ; Fourth Year's Award).

5. Dr. Werner Jacobson, Part-time Sir Hailey Stewart Fellowship at the Strangeways Research Laboratory, Cambridge :

To continue the study of making a histo-chemical study of the argentafine cells of the gut epithalium, with a view to determining whether they are the source of the intrinsic factory of castle, and hence their bearing on the problem of pernicious anaemia and other blood diseases. (Grant of £300 ; Sixth Year's Award).

6. Dr. Sybil Williams, Cambridge :

To assist in the work of Dr. Werner Jacobson. (Grant of £400 ; Third Year's Award).

II. *Indian Scholarships* of Rs. 150 per month each for one yea from July 1, for Scientific Investigations having a bearing on th Alleviation of Human Suffering—

1. *Miss Mary Samuel*, B.A., M.Sc. :

To continue the research work on the effect of fat soluble vitamir on the histology and cytology of the female gonad ; under Professc R. Gopala Aiyar, Director, University Zoological Laboratory, Madra: (Second Year's Award).

2. *Miss Beatriz de Menezes Braganca*, M.Sc. :

To continue the work on Dietary Factors in relation to Haemc poiesis ; under Professor B. C. Guha, Head of the Department of Applie Chemistry, University College of Science, 92, Upper Circular Roac Calcutta. (Second Year's Award).

3. Mr. M. V. Lakshminarayana Rao, M.Sc. :

To continue the research work on Insulin, Carbohydrate Meta bolism and the Cure of Diabetes ; under Dr. V. Subrahmanyan, Prc fessor of Bio-Chemistry, Indian Institute of Science, Bangalore. (Secon Year's Award).

4. *Miss B. S. Alamela*, B.A., M.Sc. :

To work on Synthesis and Biological Study of Sulphanilamid Derivatives ; under Lt.-Col. S. S. Sokhey, Director, Haffkine Institut Parel, Bombay. (First Year's Award).

5. Mr. Arobinda Roy, M.Sc. :

To carry out investigations on (a) the Absorption Rate of differen Edible Oils used in India and the Effect of Vitamins A and D an Hydrogenation ; (b) the Metabolism of Fat in some Pathological Con ditions, namely, in Experimental Anaemia and Diabetes and Diphteri Toxaemia ; (c) the Determination of different Components of the Phos pholipides in Human Blood in some Pathological Conditions ; unde Dr. B. B. Sarkar, Head of the Department of Physiology, Universit College of Science, 92, Upper Circular Road, Calcutta. (First Year' Award).

6. *Miss Violet DeSouza*, M.Sc. :

To carry on investigation of a few Promising Strains of Yeast and their Hybrids as Sources of the Vitamin B Complex ; under Si Jnan Chandra Ghosh, Head of the Department of General Chemistry and Director, Indian Institute of Science, Bangalore. (First Year' Award).

Degrees by Theses

The following candidates were declared to have qualified for the different Degree Examinations by Theses from March 1943 to July 1943 :—

Candidate	*Subject of the Thesis*	*Guiding Teacher*	*Institution*
	M.A.		
History :			
Debara, A. K. (Mrs.)	James Outram, Political Agent in Sind.	Professor W. Coelho	St. X.
	M.Sc.		
Physics :			
Gokhale, S. D. ...	Studies in dielectric constants and dielectric polarisation : 1. Dipole moments of Glycol Derivatives; 2. Polymarphism and Dielectric Constant.	Professor S. D. Bhave	Sir P.
Chemistry :			
Athavale, J. M.	Part I Synthesis of 6-hydroxy-5-butyl-3-methyl-Coumarone. Part II—Synthesis of 2-propionyl-4-butyl resorcin by the extension of the Nidhone Process for the synthesis of 2-acyl-resorcins. Part III—Determination of the constitution of the Fries Migration product of 7-benzoyloxy-2 methyl-chromone.	Professor D. B. Limaye	R. I. E. I.
Desai, T. B. ...	Condensation of Ethyl Sodium Acetacetate with various anilide imidochlorides.	Dr. R. C. Shah ...	R. I. Sc.
D'Souza, P. J. C. ...	I—Studies in 4 : 6-diacetyl resorcin. II—Synthesis of 2 : 4-alkoxy-dialdehydo-benzenes. III A critical review of Baker Jukes and Subrahmaniam's work on 7-methoxy-8-acetyl-2-methyl Chromone.	Professor D. B. Limaye	R. I. E. I.
Hattiangadi, G. S. ...	Studies in some Inorgano-organic Gels in Non-aqueous Media.	Dr. Mata Prasad ...	R. I. Sc.
Lagawankar, J. D. ...	Studies in Vegetable Oils ...	Professor B. V. Bhide ...	Sir P.
Mehta, S. U. ...	Synthetical Anthelmintics; Synthesis of α alkyl α p methoxy phenyl butyrolactones.	Dr. K. S. Nargund ...	G. C.
More, S. P. ...	Studies in the Reaction between Sodium Hypochlorite and Ammonium Chloride.	Principal V. K. Bhagwat	R. N. R.
Patel, D. K.	Studies on the Absorption of Iodine by Hydroxylamine Salts.	Dr. R. K. Trivedi ...	B. C.
Patel, S. Z. ...	Investigations on Nitro-hydroxylaminates.	Dr. K. G. Naik ...	B. C.
Phadke, S. Y. ...	Part I - Carboxylation of 2-acetyl-resorcin. Part II—Studies on 7-hydroxy-4-methyl-coumarin-6-carboxylic acid. Part III—Synthesis of 2-butyryl-4-propyl-resorcin by the extension of the Nodhone Process for the Syntheses of 2-acyl-resorcins. Part IV—Synthesis of 4 : 2′ dimethyl-3-ethyl-6-propyl-coumarin-7 : 8-y-pyrone.	Professor D. B. Limaye	R. I. E. I.

Candidate	*Subject of the Thesis*	*Guiding Teacher*	*Institution*
Shah, R. C.	Studies in Heat Polymerisation of Fats.	Professor B. V. Bhide ...	Sir P.
Shah, R. C. ..	Studies in Vegetable Oils and Fats.	Professor V.V.Nadkarny	St. X.
Shah, R. H.	Condensation of Phenols with Ethyl Acetosuccinate.	Dr. N. M. Shah ...	G. C.
Shintre, D. V. ...	Studies in Heterocyclic Compounds : Studies in the Acridine, the Thiazole and Pyrazole Series.	Professor V. V. Nadkarny	St. X.
Botany :			
Bhate, P. D. ..	A contribution to the structure and life history of Finbriaria Angusta St.	Dr. T. S. Mahabale ...	N. W. C.
Deshpande, S. R. ..	Structure and life history of Plagiochasma Articulatum Kashyap : Liverunt Flora of Panchgani.	Professor D. L. Dixit ...	F. C.
Patel, R. I. .	A contribution to the life history of Gloriosa Superba Linn.	Professor S. V. Shevade	B. C.
Patil, R. P. ..	A contribution to the study of the Stem-anatomy of Indian Climbing Plants.	Professor J. F. R. d'Almeida	St. X.
Ramaswamy, C. S.	A contribution to the study of the Ecological Anatomy of the Indian Cyperaceae.	Professor J. F. R. d'Almeida	St. X.
Zoology :			
Sarangdhar, P. N. ...	Selachian Fauna of the Bombay Waters with a note on Shark Liver Oils.	Dr. S. B. Setna ...	Dept. of Industries, Bomb
Varde, M. R. (Miss)	1. Echis Carinata and its Anatomy. 2. Modification of the Trachea and Lung in some Indian Snakes. 3. Comparative Histology of the Lung of some Snakes.	Professor C. J. George	W.
Microbiology			
Vachha, M. R. (Miss)	Some aspects of Microbial Sterilization of Fish.	Dr. J. V. Bhat ...	St. X.
	M.Sc. (Agri.)		
Agriculture :			
Deshpande, D. S. ...	1 Relation between growth and Absorption of Nutrients by Plants. 2—Decomposition of Molasses in Bombay Soils.	Dr. J. A. Daji ...	Coll. of Agri
	Ph.D. (ARTS)		
History :			
Dikshit, M. G ...	Buddhist Settlements of Western India.	Rev. H. Heras, S. J. ...	St. X.
Karmarkar, A. P. ...	Development of Dravidian Religion in Ancient India.	Rev. H. Heras, S. J. ...	St. X.
Saletore, G. N.	The Yadavas of Devagiri. ...	Rev. H. Heras, S. J. ..	St. X.
Economics : ..			
Dhekney, B. R. ...	Studies in Municipal Finance in Bombay Presidency.	Professor D. R. Gadgil	G. I. P. E.
Sociology :			
Gandhi, K. H. ...	The Social Thought of Havelock Ellis.	Professor G. S. Ghurye	U. E. S.
Majmudar, M. R. ...	Cultural Backgrounds of Gujarat Arts—Especially its Art of Miniature Paintings.	Dr. N. A. Thoothi ...	U. E. S.

Candidate	*Subject of the Thesis*	*Guiding Teacher*	*Institution*
	Ph.D.		
	(SCIENCE)		
Chemistry :			
Bavdekar, P. R. ...	Photoreduction of Ferric Chloride in presence of organic substances in aqueous and non-aqueous media,	Dr. Mata Prasad ...	R.I.Sc.
Lawande, Y. V. ...	Adsorption of Mercuric Chloride $HgCl_2$ by Colloids.	Professor D. D. Karve	St. X.
Geology :			
Godbole, R. D. ...	Study of Rocks occurring around Karwar (North Kanara Dist.).	Independent Work ...	C. E.
Zoology :			
Kulkarni, C. V. ...	Osteology of Indian Cyprinodonts.	Dr. S. B. Setna ...	Dept. of Industries, Bombay
	(TECHNOLOGY)		
Textile Chemistry :			
Tilak, B. D.	Synthetic Wetting Agents and Derivatives of Cashew Nut Shell Oil.	Professor K. Venkataraman ...	U.D.C.T.
	D.Sc.		
Physics :			
Nevgi, M. B. ...	Magnetism and Molecular Structure.		

Students Debarred

From Appearing at Examinations

The following candidates are declared to have failed at the respective Examinations at which they appeared and further have been debarred from appearing at any University Examination before the month of January of the years mentioned against their respective names, as they were found guilty of having practised unfair means at the various University Examinations held in April 1943.

Seat No.	*Name*	*School or College*	*Year*
	Matriculation Examination		
3864	Balkrishna Ganpat Desai ...	Bharda New High School, Fort, Bombay ...	1949
6459	Chandrakant Harischandra Bayangolkar ...	Bombay Education League's High School, Thakurdwar, Bombay	1945
7660	Indradeo Chhajooram Sarna ...	New High School, Nasik	1945
7869	Pandharinath Ramchandra Panhale	M. V. P. Samaj Maratha High School, Nasik ...	1945
9684	Basil Victor Fernandes ...	Fort and Proprietary High School, Fort, Bombay	1945
10529	Padmanabh Govind Joshi ...	M. E. Society's High School, Deccan Gymkhana, Poona	1945
11140	Rajaram Baburao Babar ..	Municipal High School, Nipani	1945
17148	Mohummad Adam Badanga ...	New Era High School, Godhra	1949
18797	Gandalal Nanji Bhojani ...	Vakhtuba Charitable High School, Morvi ...	1945
21133	Mahadevappa Tippanna Nalawadi ...	Raja Lakhamgowda Sardesai High School, Dharwar	1945
22246	Ramchandra Ganpat Sakhardande	Beynon Smith High School, Belgaum ...	1945
22247	Nilkanth Shivappa Sammatshetti ...	R. D. High School, Chikodi	1945
22451	Sayyadumar Patcha Sayyad Patchasab Inamdar ...	Sardars' High School, Belgaum	1945
22656	Dattatraya Ramchandra Jadhav ...	Beynon Smith High School, Belgaum ...	1945
22740	Vishnu Gundopant Patnekar ...	Maratha Mandal's High School, Belgaum ...	1946
25141	Hiro Hotchand Sani ...	H. L. Chablani Model High School, Karachi ...	1945
26121	Lachu Chataram Chulani ...	Gurdasmal Hindu High School, Hyderabad, Sind	1946
	Intermediate Arts Examination		
1750	Gunwantrai Maganlal Mehta ...	M. T. B. College, Surat	1945
2309	*Miss Aruna Ichhashankar Maru* ...	Dharmendrasinhji College, Rajkot	1946
3333	Khilu Gulumal Khiani ...	D. G. National College, Hyderabad, Sind ...	1946
3350	Ramchand Kalidas Maudgalya ...	,, ,, ,, ,, ,, ...	1945
3353	Shownkee Lekhraj Mirchandani ...	,, ,, ,, ,, ,, ...	1945
3355	Ajmal Beg Kalich Beg Mirza ...	,, ,, ,, ,, ,, ...	1945
	Intermediate Science Examination		
1114	Pandurang Vyankatesh Ghamande	Ferguson College, Poona	1945
1238	Tohiduzzaman Badiuzaman Kazi ...	Fergusson College, Poona	1945
1638	Rajaram Murlidhar Zarkar ...	Nowrosjee Wadia College, Poona	1945
1659	Joseph Denis Mascarenhas ...	Nowrosjee Wadia College, Poona	1946
1860	Someshwar Mohanlal Mehta ...	M. T. B. College, Surat	1946
1905	Jitendra Pranlal Jetly ...	Gujarat College, Ahmedabad	1946
2470	Jayantilal Natwardas Kothari ...	Dharmendrasinhji College, Rajkot	1945
2487	Shantilal Panachand Parekh ...	,, ,, ,, ...	1945
3435	Anand Pribhdas Chandwaney ...	D. J. Sind College, Karachi, and C. S. College, Shikarpur	1946

Seat No.	*Name*	*School or College*	*Year*
		Bachelor of Science	
1451	Harilal Brijaratanlal Akkad	M. T. B. College, Surat	1946
1471	Amritlal Prabhudas Patel	Wilson College, Bombay, and M. T. B. College, Surat	1946
		First Examination in Engineering	
10	Mohanlal Bhivaraj Bhatewara	College of Engineering, Poona	1946
11	Manohar Raghunath Bhise	,, ,, ,,	1946

The candidate No. 4678, Abasaheb Ganpat Jagtap, of M. E. Society's High School, Poona, who got his answer-books written by a different person at the Matriculation Examination of 1942, has been debarred from appearing at any University Examination for a period of five years, *i.e.*, till January 1949. Further he is declared to have failed at the Matriculation Examination of 1942.

S. R. Parulekar, a student of the B.Sc. Class of the Ramnarain Ruia College, Matunga, Bombay, has been debarred from appearing at any University Examination for a period of five years, *i.e.*, till January 1949, for impersonating candidate No. 3864 at the Matriculation Examination of 1943.

Muhammad Ismail Patel, a student of the Intermediate Arts Class of the Baroda College, Baroda, has been debarred from appearing at any University Examination for a period of five years, *i.e.*, till January 1949, for impersonating candidate No. 17148 at the Matriculation Examination of 1943.

R. R. Karandikar of S. E. (Mechanical and Electrical) Class of the College of Engineering, Poona, has been debarred from appearing at any University Examination before January 1947, for the offence of having stolen a finished drawing of another student and submitting the same as his own after making minor alterations.

University Examinations, 1943-44

The following table shows the dates fixed by the Ordinances for the commencement of the University Examinations to be held in the year 1943-44, the last days of entry, and the admission fees.

Examination	*Date of Commencement*	*Last Day of Entry*	*Admission Fee*
			Rs.
B.A. Pass	4th Oct. 1943 ...	1st Sept. 1943 ...	40
B.Sc. Subsidiary	Do. ...	Do. ...	25
M.D.	Do. ...	4th Aug. 1943 ...	200§
M.S.	Do. ...	Do. ...	200¶
D.P.H.	Do. ...	Do. ...	75
D.Hy.	Do. ...	Do. ...	200
D.O.	Do. ...	6th Sept. 1943...	200
B.Com.	11th Oct. 1943...	20th Sept. 1943...	50
M.Sc. (Translation Test) ...	Do. ...	Do. ...	25
B.E. (Civil, Mech. and Elect.) ...	Do. ...	Do. ...	50
First LL.B.	Do. ...	Do. ..	30
Second LL.B.	Do. ...	Do. ...	50
First M.B., B.S.	12th Oct. 1943...	21st Sept. 1943...	30
Second M.B., B.S.	Do. ...	Do. ...	15
Third M.B., B.S.	Do. ...	Do. ...	45
Diploma in Teaching. Part II ...	24th Jan. 1944...	3rd Jan. 1944 ...	10
B.T., Part II	28th Feb. 1944...	15th Jan. 1944...	15
First Year Examination in Science (Agriculture) (New Rules) ...	6th Mar. 1944 ...	3rd Feb. 1944 ...	30
Second Year Examination in Science (Agriculture) (New Rules)	Do. ...	Do. ...	30
Bachelor of Science (Agriculture) (Old and New Rules)	Do. ...	Do. ...	50
M.E. (Civil, Mech. and Elect.) ...	13th Mar. 1944...	13th Dec. 1943...	100
B.Sc. (Tech.)	Do. ...	14th Feb. 1944...	100
B.Sc. (Tech.) Translation ...	Do. ...	Do. ...	10
M.Sc. (Agri.)	Do. ...	13th Jan. 1944...	100
Diploma in Teaching. Part I ...	16th Mar. 1944...	3rd Jan. 1944 ...	15
B.T., Part I	Do. ...	13th Jan. 1944...	15
Matriculation	20th Mar. 1944...	7th Feb. 1944 ...	15
F.E.	Do. ...	28th Feb. 1944...	30
B.E. (Civil, Mech. and Elect.) ...	Do. ...	Do. ...	50
S.E. (Civil, Mech. and Elect.) ...	24th Mar. 1944...	3rd Mar. 1944 ...	30
Intermediate Arts	27th Mar. 1944...	20th Feb. 1944...	25
Intermediate Science	Do. ...	Do. ...	30†
Intermediate Commerce	Do. ...	6th Mar. 1944 ...	25
B.Com.	Do. ...	Do. ...	50
B.A. (Pass)	3rd Apr. 1944 ...	20th Feb. 1944...	40
B.A. (Honours)	Do. ...	Do. ...	50
B.Sc. (Subsidiary)	Do. ...	Do. ...	25*
B.Sc. (Principal)	Do. ...	Do. ...	40*
First M.B., B.S.	14th Apr. 1944...	24th Mar. 1944...	30
Second M.B., B.S.	Do. ...	Do. ...	15
Third M.B., B.S.	Do. ...	Do. ...	45

Examination	*Date of Commencement*	*Last Day of Entry*	*Admission Fee*
M.A. (with Thesis in Sanskrit, Pali, Ardha-Magadhi, Persian or Arabic)‡	10th Apr. 1944...	10th Oct. 1943...	75
M.A. (with Thesis in Mathematics)	Do. ...	Do. ...	75
M.A. (by Papers)	Do. ...	10th Jan. 1944...	75
M.Sc. Mathematics (with Thesis) ...	Do. ...	10th Oct. 1943...	100
Do. (by Papers) ...	Do. ...	10th Jan. 1944...	100
First LL.B.	Do. ...	20th Mar. 1944...	30
Second LL.B.	Do. ...	Do. ...	50
M.Sc. (Translation Test) ...	17th Apr. 1944...	27th Mar. 1944...	25
M.D.	Do. ...	17th Feb. 1944...	200§
M.S.	Do. ...	Do. ...	200¶
D.Hy.	Do. ...	Do. ...	200
D.P.H.	Do. ...	Do. ...	75
D.O.	Do. ...	17 thMar. 1944...	200
LL.M.	26th June 1944...	26th Apr. 1944...	150
M.Com.	Do. ...	27th Dec. 1943...	100
M.Sc. (by Papers in Subjects other than Mathematics)	Do. ...	27th Mar. 1944...	100

* The fee for the Examination in the Subsidiary and Principal subjects *taken together* is Rs. 50.

† Rs. 25 for A Group students and for those of Group B, who do not wish to take the Medical course.

‡ The candidate should submit his application on or before this date, stating the subject of his Thesis, the work already done by him in that subject, the course of reading and the method of treatment adopted for the Thesis. The Thesis in Sanskrit should be submitted *in triplicate* on or before February 12, 1944 and a Thesis in Persian or Arabic should be submitted also *in triplicate* not later than December 12, 1943.

§ Rs. 100 for an M.D. who appears for a Branch other than the one in which he has already passed and for an M.S.

¶ Rs. 100 for an M.D.

University Library

Additions to Books

The following is a list of some of the books recently added to the Library :—

Ajwani, L. H. : Immortal India.
Alwa, J. : Men and Supermen of Hindustan.
Anand, M. R. : The Sword and the Sickle.
Aurobindo : Collected Poems and Plays, Vols. I and II.
Ayau, A. E. : The Social Psychology of Hunger and Sex.
Ayyar, A. S. P. : Bhasa (Indian Men of Letters Series).
Banerjee, B. N. : Begams of Bengal.
Bayley, N. : Studies in the Development of Young Children.
Beni Prasad : Hindustan Ki Purani Sabhyata.
Besant Annie : The Besant Spirit, Vols. I to VII.
Bhagavan Das : The Essential Unity of All Religions.
Bhandarkar, D. R. : Some Aspects of Ancient Indian Culture.
Brown, W. : Psychological Methods of Healing.
Chaman Lal : Behind the Guns.
Chatterji, S. C. : A Plea for Open Air Schools in India.
Chaturvedi, S. & Ibadurrahaman Khan : Sachitra Bharata.
Corsan, G. H. : The Diving and Swimming Book.
Coyajee, J. C. : Iranian and Indian Analogues of the Legend of the Holy Grail.
Crankshaw, E. : What Glory ?
Deshpande, R. S. : Modern Ideal Homes for India.
Doren M. : An Anthology of World Poetry.
France, A. : Thais.
Fyzee, A. A. A. : A Shi'ite Creed.
Gadgil, D. R. : The Industrial Evolution of India in Recent Times.
Gandhi, M. K. : An Autobiography—Tr. by M. Desai.
Gangulee, N. : Constituent Assembly for India.
Ghanashyamdas Birla : Bapu.
Goddard, M. & Others : American English, Vols. I to IV.
Hilton, J. : Good-Bye Mr. Chips.
Horner, I. : Teach Yourself Dressmaking.
Howard, A. : An Agricultural Testament.
Iyengar, K. R. S. : Indo-Anglian Literature.
Jha, A. : Literary Studies.
Kahlil, G. : The Prophet.
Karkaria, R. P. : The Death of Shivaji and Other Essays.
Kasner, E. & Newman, J. : Mathematics and Imagination.
Keeton, G. W. : The Case for an International University.
King, B. : The Conquest of Fear.

Knapp-Fisher, H. C. : The World of Man for Boys and Girls.
Krishnamurti, Y. G. : Jawaharlal Nehru—The Man and His Ideas.
Lindsey, A. W. : The Science of Animal Life.
Lord, E. H. : Experimenting at Home with the Wonders of Science.
Mahajani, G. S. : Lessons in Elementary Analysis.
Manshardt, C. : The Delinquent Child in India.
Masefield, J. : I Am Not Armed.
Matthew, A. V. : Psychology and Principles of Education.
Mazzini J. : Life and Writings, Vols. I to VI.
Mehta Hansa : Hamlet (Gujarati).
Mookerji, R. K. : Notes on Early Indian Art.
Muller F. Max : Ramkrishna.
Nehru, J. : Recent Essays and Writings.
Nivedita Sister : Civil and National Ideals.
Paramananda Swami : Reincarnation and Immortality.
Parulekar, R. V. : Literacy of India in Pre-British Days.
Patanjali : Yogadarshanam.
Pearce, F. G. : Footprints on the Sands of Time.
Percival, A. C. : The English Miss Today and Yesterday.
Punch : Mr. Punch's Children's Hour.
Pundit, A. : Breath Is Life.
Raghavan, V. : Studies on Some Concepts of the Alankara Shastra.
Reinoehl, C. M. & Ayer, F. C. : Classroom Administration and Pupil Adjustment.
Rolland, R. : Tolstoy.
Russell, J. D. & Judd, C. H. : The American Educational System.
Sahni, D. R. : Guide to the Buddhist Ruins of Saranath.
Sarkar. J. : Foreword Selections from the Peshwa Daftar.
Shah, K. T. : How India Pays for the War.
Sharman, J. R. : The Teaching of Physical Education.
Sharpe, E. : The Philosophy of Yoga.
Sherwani : Ajab-Ul-Ajaib.
Sinclair, U. : Telling the World.
Singh, D. : The Rebel President—A Biographical Study of Subhas Chandra Bose.
Sri Prakasa : Annie Besant As Woman and As Leader.
Vakil, C. N. : The Falling Rupee—A Study in War Finance and Inflation.
Vakil, K. S. : Educational Gleanings.
Varma, D. : Hindi Bhasha Ka Itihasa.
Vidyapati : Bangiya Padabali.
Waterhouse, G. : A Short History of German Literature.
Yaroslavsky, E. : Landmarks in the Life of Stalin.

Professional Courses and Examinations

Voluntary Social Workers' Elementary Course

An elementary course for voluntary social workers is being con ducted under the auspices of the Social Service League, Bombay since July 6 at the League's Head Office, Servants of India Society' Home, Sandhurst Road, Girgaum, and will last till September 7 The course consists of lectures in English on varied social subjects o Saturdays and Thursdays in the evening. Besides, visits to socia work institutions are arranged on Sundays and holidays in the morn ing or afternoon. An examination, which is voluntary, will be hel at the fag-end of the course and certificates will be awarded to suc cessful candidates.

Courses in the Education of the Blind

A course in the Education of the Blind, designed to give a com prehensive survey of work with the blind, will be run at Dadar Schoo for the Blind, Dadar, Bombay, from August 4.

Another course of lectures for Social Workers and Friends of th Blind will be delivered by Principal Halder, giving an idea of wha the workers and friends of the blind should know and do about them their mutual and social obligations, their education, training, em ployment, placement, etc., at the premises of the Bombay Presi dency Adult Association, K. R. Cama Oriental Building, Appoll Street, Fort, Bombay, on Mondays and Fridays, at 6.30 p. m. from August 16. Interested persons may apply to : Principal R. M Halder, Dadar School for the Blind. Dadar Road, Dadar, Bombay

Diploma Course in Journalism

Admission to the Panjab University Class in Journalism is ope to Graduates and Post-graduates. The duration of the course is on academic year. Classes are held from 4 to 6 p.m. Students pur suing other courses of study are permitted to join the Journalism Class Tuition fee for the course is Rs. 180. Applications on the pre scribed form should reach the Head of the Department of Journalism on or before October 11. Further information and prescribed form for admission may be obtained from the Head of the Departmen of Journalism, University of the Panjab, Lahore.

New Agricultural Course

The Agricultural College, Poona, has been so far admitting onl such students for the Degree course as have passed the First Yea Examination in Science. In addition to this Degree course, it is in tended to introduce a two-years' Diploma course in Agriculture fo those passing the School Leaving Certificate Examination, in orde

to provide non-graduates with a course of practical training in improved Agriculture.

The expenditure involved in starting the Diploma course is heavy, and in view of War conditions, the Government of Bombay have decided not to start that course immediately but have introduced, pending the institution of a full two-years' Diploma course, a special twelve months' Certificate course at the College for training students leaving the Agricultural High Schools.

The course is a practical one in which students will be taught crop protection, horticultural practice and elementary animal husbandry and dairying, and also the control of crop pests and diseases as they occur in the Agricultural College Farm.

Domestic Science Course

The Government of Bombay are examining the question of making arrangements for the training of Teachers in Domestic Science, and a beginning may be made with a six-month course in that subject in the near future.

Vocational Training Scheme

The apprentice scheme sanctioned by the Government of Bombay in 1937, as the beginning of a general scheme of vocational training to relieve unemployment, has now been in continuous operation for seven years.

Under this scheme, industrial establishments in Bombay and Ahmedabad accept boys who have studied upto the seventh standard (English) for training for three to five years, according to the nature of the course. The essential part of the scheme is that these boys are bound by agreement to attend evening technical classes throughout the whole period of their training, which means that their practical and theoretical training are carried out simultaneously.

Secondary Teachers' Certificate Examination

The Government of Bombay have made certain amendments in the revised rules for the Secondary Teachers' Certificate Examination, and the Syllabus now framed is to be brought in force with effect from the Examination to be held in May 1944. Full particulars have been notified in the *Bombay Government Gazette* of July 8.

Candidates for the Examination will not, in future, have prescribed text-books. They will, instead, be left to read any books from a list suggested for their guidance which they find suitable and available.

City and Guilds Technological Examinations

The City and Guilds of London Institute's Technological Examinations for the year 1943 will be held from August 21 at all the centres for these examinations in India and Ceylon (including Army, Navy and R. A. F. centres). Candidates who have register-

ed their entries for these examinations may obtain further particulars from the authorities at the centres concerned.

Rashtrabhasha Examinations

The Rashtrabhasha Examinations of Wardha will be held on August 28 and 29.

Survey of India, Class II, Examination

An examination for recruitment to the Survey of India, Class II, will be held by the Federal Public Service Commission (India) at Delhi, commencing on or about November 1. Candidates must be Graduates, with Mathematics, or hold an Engineering Degree or Diploma or its equivalent, and be between the age of 19 and 23 on August 1. Last date for the receipt of applications on the prescribed form (obtainable, together with full particulars, from the Secretary, Federal Public Service Commission, Simla) is August 20.

Examination for Postal Services

A competitive examination for recruitment of about 360 candidates to certain subordinate services of the Indian Posts and Telegraphs Department in the Bombay Circle will be held on November 4. Particulars relating to the examination with copies of the prescribed form of application and the recruitment rules may be obtained from the office of the Postmaster-General, Bombay, by payment of the fee of Re. 1, which should be sent *only* by a crossed Indian Postal Order, payable to the Postmaster-General, Bombay, at the General Post Office, Bombay.

Engineering Services Examination

An examination for recruitment to the Indian Railway Service of Engineers, Signal and Electrical Engineering Departments of the Superior Revenue Establishment of State Railways, the Central Engineering Service, Class I, and the Telegraph Engineering Service, Class I, will be held by the Federal Public Service Commission, at Bombay, Madras, Calcutta, Allahabad, Lahore and Delhi, beginning on November 8.

Indian Audit and Accounts, etc., Services Examination

A combined competitive examination for the Indian Audit and Accounts Services, Indian Railway Accounts Service, Military Accounts Department, Postal Superintendents (Class II) Service and Transportation (Traffic) and Commercial Departments of the Superior Revenue Establishment of State Railways will be held at Bombay, Allahabad, Delhi, Lahore, Madras and Calcutta, beginning on November 22.

Special Class Apprentices

A selection of twenty-one candidates for appointment as Special Class Apprentices in the Mechanical Engineering and Transportation (Power) Department of the Superior Revenue Establishment of State Railways will be made in November. Seven out of these twenty-one vacancies will be reserved for members of the Minority Communities as follows : Muslims—5, and other Minority Communities (excluding Anglo-Indians and Domiciled Europeans)—2. (These figures are liable to alteration by the Government of India).

Examination in Architecture

The Diploma Examination in Architecture of the Government of Bombay will be held at the Sir J. J. School of Art, Bombay, during April 1944, under conditions laid down in Schedule I of the Grant-in-Aid Code obtainable from the Manager, Yeravda Prison Press, Poona -6, on payment of Six Annas (inclusive of postage) which must be remitted to that officer by money order.

Emergency Commissions in the Corps of Indian Engineers

The following syllabus has been adopted for *future* Educational Tests for the selection of candidates for Emergency Commissions in the Corps of Indian Engineers :—

(1) Pure Mathematics, including simple Algebra and Logarithms.

(2) Trigonometry of a standard sufficient to do simple survey problems.

(3) Statics including Bending Moments, Shear and the Use of Force Diagrams.

(4) Elementary Electricity, including Ohm's Law and the Calculation of Simple Circuits.

Licentiates in I. A. M. C.

The Government of India have recently sanctioned the formation of the Indian Army Medical Corps on lines similar to those of the Royal Army Medical Corps of the British Army. A feature of the new Corps is that it will provide opportunities to Licentiates to secure commissioned rank immediately on enrolment.

A Selection Board for the selection of Licentiates has now been constituted in Bombay. Intending applicants should apply for particulars to the office of the Surgeon-General with the Government of Bombay, Contractor Building, Nicol Road, Ballard Estate, Bombay.

Technical Training Scheme

To enable trainees who have not passed the prescribed trade tests to qualify for industrial employment, the Government of India have decided to continue their Technical Training Scheme on a diminishing basis for a period of eighteen months after the War.

Around the Recognised Schools

The following Schools have been recognised as High Schools :—

Upto October 31, 1944

New Education School, Petlad ; *Shri Harbhat High School, Kundgol ; *Kudal High School, Kudal ; *St. Xavier's High School, Moira, Bardez, Goa ; *St. Anthony's Educational Institute, Assonla, Goa ; *Miraj Vidya Mandir, Miraj ; *New Educational Institute, Margao, Goa ; *Modern High School, Novo Goa ; *Presentation Convent, Margao, Goa ; *Princess Padma Raje Girls' High School, Kolhapur ; V. P. J. High School, Kalol ; *State High School, Cutch-Anjara ; *Shri Shahu High School, Kagal ; *New Era High School, Margao, Goa ; *S. R. A. High School, Banhatti.

Upto October 31, 1945

*H. P. T. Girls' High School, Bombay ; G. V. J. High School, Khambalia ; S. K. D. V. High School, Jodiya ; New Model High School, Bombay ; M. R. High School, Gadhinglaj ; New Era High School, Baroda ; Bai L. K. L. D. Hindu High School, Bombay ; Holy Rosary Convent High School, Margao, Goa ; St. Anne's Girls' School, Dabul, Bombay ; *Model English School, Margao, Goa ; *Adarsh Vanita Vidyalaya, Margao, Goa ; *Sir J. High School, Lakhtar ; *New High School, Kolhapur ; *Catholic Educational Institute, Margao, Goa ; *Shree Pratap High School, Bansda ; *Jayshree Model High School, Baroda ; St. Joseph's Institute, Vasco da Gama.

Upto October 31, 1946

People's High School, Nova Goa ; Sir Pratap High School, Idar ; *M. L. Girls' High School, Kolhapur.

Upto October 31, 1948

Mount Carmel Convent High School, Ahmedabad.

Permanently

Shri Ramrao Vidya Mandir, Jath ; St. Anne's High School, Fort, Bombay ; *Shahaji High School, Akalkot ; *Sangli High School, Sangli.

Under Statute 193A

Suniti High School for Girls, Bombay ; M. E. Society's High School, Sasvad ; Ishwardas S. T. Girls' School, Shikarpur ; Maratha English School, Satana.

---

* Recognition of these Schools has been continued subject to certain conditions.

Recognition has not been renewed of the St. Theotonio Union Iigh School, Margao, Goa.

The Schools in Goa have been informed that whenever conditions bout the employment of the necessary number of Graduate Teachers imposed on Schools for being complied with, it should be definitely nderstood that the Graduates to be employed in compliance with his requirement should be full-time Graduate Teachers working in ne school only and on no account allowed to work even as part-time eachers in another school, and that violation of this instruction ill involve withdrawal of recognition.

'ort and Proprietary High School, Bombay

A Social Gathering of the School was held on March 15, at the ir Cowasji Jehangir Hall, under the presidentship of Mr. B. J. Wadia, ice-Chancellor of the University. The President in his remarks ressed the need for giving a re-orientation to the system of education view of the rapidly changing times, and added that in any system f education the co-operation of the parent, the pupil and the preceptor as essential.

The School won the team championship in the third Inter-School quatic Sports Meeting organised by Golvala Brothers, held at ictoria Swimming Bath, on March 17.

't. Xavier's High School, Bombay

The Bombay Secondary Teachers' Association accorded a recep-on to the Chinese Educational Mission at the School on March 21.

llexandra Girls' English Institution, Bombay

The Founder Day Sports of the Institution were held at the ooperage on March 14, Professor P. A. Wadia presiding. There ere twenty-eight items on the day's programme and three new re-ords were set up: Miss D. B. Irani clearing 3 feet 11½ inches in the igh jump, Miss D. Karanjia jumping 11 feet 8½ inches in the broad imp, and Miss D. Coyajee covering 21 feet 6 inches in putting the ıot. Miss P. Karawalla won the senior championship, Miss J. Feroze-in won the junior's, and Standard VIII, the class championship. Irs. Wadia gave away the prizes.

Iandvi High School, Mandvi, Bombay

The Annual Day celebrations of the School were held on April 0, with Mr. Fazal Ibrahim Rahimtoola as President.

't. Mary's English High School, Mazgaon, Bombay

The Annual Prize Distribution function of the School was held n April 24. Mr. Leo Rodrigues, Administrator-General of Bombay, resided, and Mrs. Rodrigues distributed the prizes.

Habib High School, Dongri, Bombay

The Annual Sports of the School were held at the Cooperage on March 20. Mr. M. R. A. Baig presided and Mrs. Baig gave away the prizes. The Annual Dinner of the Old Boys was held on March 21, when Mr. Y. C. Mitha presided.

Fellowship School, Gowalia Tank, Bombay

The pupils and staff of the School were congratulated for having made a collection of Rs. 950 for Bijapur famine relief, by Mr. A. V. Thakkar, President of the Bijapur Famine Relief Fund, when he visited the School on April 6.

New Era School, Hughes Road, Bombay

The students of the School and their parents and guardians contributed about Rs. 4,000 towards a purse for the family of the late Mr. N. A. Mehta, a Teacher of the School, who died prematurely as the result of an accident.

Robert Money High School, Grant Road, Bombay

A farewell function of Mr. Y. G. Talpade, retired Head Master of the School, was held on April 11. The Rev. Canon George Clarke, Secretary of the Christian Missionary Society, presided, and Mr. C. A. Christie, Principal of the School, made the introductory speech on the occasion.

Saifee High School, Pydhonie, Bombay

The Prize Distribution function of the School was celebrtaed on March 30, when Mr. G. F. S. Collins, Adviser to the Government, presided. After the feats by the students of the institution, Mr. Collins in the course of his speech advised the students to develop a broad outlook on life with a high ideal before them.

Chanda Ramji Hindu Girls' High School, Girgaum, Bombay

A Film Projector has been installed in the School, and the pupils are regularly shown films of topical interest. Training in Self-Government is imparted through the Students' Council which deals with all kinds of breaches in discipline.

R. M. Bhatt High School, Parel, Bombay

Mr. B. J. Wadia, Vice-Chancellor of the University, declared open at the School, on March 26, an Educational Exhibition in plastic models depicting the evolution of man from pre-historic times. He congratulated the organisers, Mr. N. J. Mhatre and Mr. M. B. Shedge, upon preparing these models under the guidance of the Rev. Father Heras, showing how early culture and origin of man had developed.

Women's Education Society's High School for Girls, Dadar

Mr. Ratanchand Hirachand presided over the Annual Gathering of the School on March 9. During the course of his speech he expressed the opinion that in the secondary stage women must get a different kind of education from men.

South Indian Education Society's High School, Matunga

The seventh anniversary of the Students' Library Union of the School was held on March 9. Mr. M. Sundaram presided, and Dr. K. Venkataraman, Head of the University Department of Chemical Technology, delivered the valedictory address, in the course of which he laid stress on the basic principle of education, learning by doing, which would lead to a spirit of research when the pupils left their schools and colleges.

In aid of the School Building Fund, the students enacted "Vasant Sena," Tamil drama, and Kalidas's "Shakuntala" in Sanskrit on April 4 and 5, respectively.

Gurukul High School, Ghatkopar

The School celebrated its Annual Day on April 19 to 21, when a programme of dances, action-songs, dialogues and physical feats was gone through. During the occasion, a donation of Rs. 3,500 was received by the School. Since June every class has certain specified periods for visual instruction on its time-table.

St. Andrews New High School, Bandra

Under the auspices of the School Ex-Students' Association, a symposium on "Wife or Mother or Mother-in-law—Who Counts More in the Life of Man?" was held in the School Hall on March 28. The speakers were: Lady Rama Rau, Professor Correia-Afonso, Mr. B. G. Horniman, Father Dalton, S. J., and Dewan Bahadur K. M. Jhaveri. Chief Justice Sir John Beaumont presided.

Anglo-Urdu High School, Poona

Khan Bahadur Muhammad Hidayatulla who served as Head Master of the School for 27 years, retired from Government service recently. In commemoration of his services, the past and present pupils of the School collected a sum of Rs. 1,000, to which the Khan Bahadur himself has added a donation of Rs. 1,000. The income of this sum of Rs. 2,000, named as the Khan Bahadur Muhammad Hidayatulla Prize Fund, is to be awarded to the pupils of the School, according to a scheme which is under the consideration of the Educational Department. The Khan Bahadur has been succeeded by Khan Saheb Mirza Niaz Baig, formerly Deputy Educational Inspector of Urdu Schools, Central Division.

Mahilashram High School, Hingne Budruk, Poona

The School carried away the Championship Cup in Ring-Tennis and the Runner-up Cup in Throw-Ball at the recent Inter-School Athletic Competitions.

New High School, Gandevi

Mr. M. K. Desai, Principal of the School, passed away on June 20. He graduated from the Fergusson College in 1918 and since then devoted himself to the cause of education in Gandevi taluka. He was one of the founders of the School, of which he held the Principal's post for the past ten years. He took a live interest in the library movement and was one of the primary organisers of the First Library Conference held in 1925 at Gandevi.

Sir Pratap High School, Idar

The School has built the Shri Himmat Boarding House, after His Highness's name, accommodating about 75 students. The building is outside the town, but quite near the School. No rent is charged. Boarders have to pay only for their meals.

An arrangement has been made by the School for the Civic Guards' Training for pupils as well as teachers. The School celebrated recently the Parents' Day and the festivals Krishna Jayanti and Vasant Utsav.

New High School, Godhra

The Annual Prize Distribution of the School was held recently under the presidentship of Mr. Lalbhai R. Desai, Educational Inspector, N. D. Prizes were awarded to those students who showed efficiency in sports and games.

A system of writing the important World News daily on a blackboard has been introduced in the School. A manuscript magazine "Jyoti" has also been started.

Anniversary of the late Mr. Gijubhai Badheka was celebrated in the School on May 23, with Mr. M. H. Mehta, Director, Panchmahals Educational Institute, as President.

Shree Yashovijaya Jain Gurukul, Palitana

The Gurukul has introduced commercial bias in Standards IV and V this year, with the idea of making it a full-fledged Commercial High School by 1945. The opening ceremony of the Commercial School was performed by Babu Sohanlalji Karnavat, of Calcutta, under the presidentship of the Dewan Saheb of Palitana State. Sheth Ratilal Vardhaman, of Wadhwan Camp, has donated Rs. 7,000 himself and collected about Rs. 8,000 more for the School.

Tasgaon High School, Tasgaon

The Sangli Education Society has recently purchased a plot for erecting a house for the School. It is hoped that the building work will be undertaken without much delay.

Prizes on competitive basis were awarded to the students of the School for recitations and essays based on some chapters of *Dasbodha*, at the hands of Mr. G. G. Mujumdar *alias* Sadhudas—a celebrated Marathi poet and novelist—on the Das Navmi Day, when he amused the audience by displaying spontaneous versification on various themes and in several meters.

Municipal High School, Nandurbar

At the recent essay competition held under the auspices of the All India Radio, Bombay, the essay—*Harischandra Rajachi Gosta*—written by T. N. Kulkarni (Standard IV B) was found to be the best among the lot, and was awarded a prize of Rs. 10. Kulkarni was specially invited to broadcast his essay, which he did on March 9.

Gurdasmal Hindu High School, Hyderabad (Sind)

The School has an Industrial Department, which was started in 1935, when it manufactured only inks. Afterwards a number of small industries has been added, and now it manufactures fountain pen inks; office inks—blue black, red and green; rubber stamping inks; ink powders; chalk crayons—white and coloured; boot-polishes—black, brown and dark tan; white blanko cakes for canvass shoes; scented tilak (bindi); toilet powders; and epsom salts (packing only).

The working hours for the boys are in the evening and such work as can be done at home is given to them to be done there. No special classes are held for teaching the processes. The instruction is incidental and the work is done on the "Earn and Learn" principle.

Changes in Names

The following Schools have changed their names:—

The State High School, to the Sheth Dharamsey Vallabhdas High School, Cutch-Anjara; the St. George's High School, to the Pethe High School, Nasik; the New English School, to the Juharmal Sarupchand Rungta High School, Nasik.

Around the Affiliated Colleges

Newly Affiliated Colleges

The Government of Bombay have sanctioned affiliations of all the Colleges recommended by the Senate (at their meetings held on February 11 and 12), for various terms and courses, as per details given on page 57 of the last issue of the *Bulletin*, except that of the Dhamibai Basantsing Women's Arts College, Karachi, which did not fulfil the necessary conditions imposed by the University.

Deccan Education Society's College of Commerce, Poona

This College will train this year students for the First Year and the Intermediate Examinations in Commerce. The permanent site of the College is a plot of ground on the hill-slopes behind the Servants of India Society's Home. For the present this is being used as the Sports Field. The buildings of the College will be constructed when control over building supplies is removed. The Amphitheatre Block on the Fergusson College premises is the temporary Home of the College. A Block of Hostels, accommodating about eighty students, and a couple of residential bungalows on the Fergusson College premises are also at the disposal of the College.

Sir Ardeshir Dalal declared the College open on July 24. Professor D. G. Karve is the Principal of the College. Professors S. V. Kogekar, M. G. Bhate, A. V. Deshpande, M. R. Dhekaney, D. R. Bendre and V. V. Ketkar are some of the other Teachers on the staff of the College. Arrangements have been made to teach Kannada and Gujarati as vernaculars.

Sind Madressah Arts College, Karachi

The Sind Madressah-ul-Islam Board, a registered society, formed in 1885, with the object of promoting modern education among the Muslims of Sind, has started this College to impart education upto the Intermediate Arts Examination. The ideal which the founder of the Society, the late Khan Bahadur Hassanally Bey Effendi, and his successors had before them, *viz.*, religious and moral instructions and atmosphere of Islamic Culture as the background of modern education, will continue to be the guiding star and beacon light for all those who are entrusted with the management, control and direction of the College.

Mr. M. A. Jinnah performed the opening ceremony of the College on June 21. It is open to students of all castes and creeds and also to both sexes. Purdah arrangement has been made for those girl students who observe purdah. Dr. A. H. Siddiqi has been appointed Principal and Professor of History, and among the other staff of the College is Mr. Jamil Wasti, Professor of English.

Elphinstone College, Bombay

Professor A. B. Gajendragadkar, Commandant, 1st Bombay Battalion, U.T.C. (I.T.F.), has been promoted to the rank of Lieutenant-Colonel.

St. Xavier's College, Bombay

With the death of the Rev. Father Llorens, S. J., on March 29, the College lost a good Professor of English and Latin, and an able Director of the Dramatic Club.

Wilson College, Bombay

The Principal invited the Members of the Wilsonian Association and other past Wilsonians to an 'At Home' at the College on March 13.

Sydenham College of Commerce and Economics, Bombay

The College suffered a great loss by the death of Mr. Shridhar Govind Beri who was Professor of Economics in the College from June 1933 to the date of his death in April last. (*Obituary* note appears on page 8).

R. A. Podar College of Commerce and Economics, Matunga

This year the College has started Actuarial Science as one of the optional subjects for the B. Com., in addition to the already existing provision for Advanced Accountancy, Advanced Banking and Economics of Transport.

Royal Institute of Science, Bombay

Considerable attention was paid to the needs of Industry, and experiments, financed partly by the Government and partly by private manufacturers, were undertaken by different members of the staff. Among the most important items in connection with whose manufacture they were closely connected, are: Potassium chloride, Bromine, Potassium chlorate and Magnesium carbonate. Experiments are continued for the preparation of Hydrogen peroxide, pure gelatine, wax paper, and photographic sensitive plates and papers.

Government Law College, Bombay

The following office-bearers of the College Ex-Students' Association have been elected for this year: Sir Jamshedji Kanga, President; Mr. D. Ferreira and Principal A. A. A. Fyzee, Vice-Presidents; and Miss R. S. Khambatta and Mr. Camruddin G. Vakil, Jt. Hon. Secretaries.

Grant Medical College, Bombay

The Indian Medical Congress was held in the Anatomy Theatre of the College on June 12, when recent advances in Medicine and Surgery were discussed.

Dr. (Miss) K. V. Shetty, Hon. Woman Asstt. Radiologist, J. J. Hospital, passed away during the year, after a prolonged illness, which the College regrets.

Post-graduate classes to help the M.D. and M.S. students of the College have been arranged.

An anonymous donor has contributed Rs. 3,000 to help poor deserving students of the College. Savings effected from various social functions are also being utilised to this end.

G. S. Medical College, Bombay

A meeting of the staff and students of the College and its associated Hospitals was held on April 13, to express sorrow at the death of Dr. J. P. Padshah, Dean of the College and the K. E. M. Hospital. A resolution was adopted placing on record the services rendered by him to the institutions. Glowing tributes were paid to the late Dr. Padshah by Dr. R. N. Cooper, Dr. R. P. Koppikar, Dr. V. R. Khanolkar and Dr. A. S. Erulkar. A committee was appointed to collect funds for raising a memorial. The College and the Hospital office were closed for the day as a mark of respect to the memory of Dr. Padshah.

Bharatiya Vidya Bhavan, Bombay

The Bhavan has been shifted from Worli to the new habitat at 33-35, Harvey Road, Gamdevi, Bombay 7.

Mr. B. J. Wadia, Vice-Chancellor of the University, delivered this year's inaugural address, and spoke on "The Backgrounds of some of the World's Ancient Civilisations," under the presidentship of Mr. K. M. Munshi, on July 1.

The newly started Department of Education (Shikshan Shastra Shikshapitha) in the Bhavan guides students for the M.Ed. and Ph.D. Degrees of the University.

University Department of Chemical Technology, Bombay

The Department has shifted to its new premises at Matunga. The number of students to be admitted to the new courses in Technology of Intermediates and Dyes, Pharmaceuticals and Fine Chemicals, and Chemistry of Foods and Drugs is 10, 10 and 5 respectively. The terms for the year 1943-44 of the Department will commence: the first on August 4, ending on October 20; and the second on November 20, ending on April 14, next year.

A sum of Rs. 2,400 per year, endowed by Messrs. Rajderkar and Co., Bombay, for a research on the possibility of manufacturing Organic and Inorganic Fine Chemicals, specially of B. P. and A. R. quality has been accepted by the University, and Mr. N. H. Wagh has been appointed to the new Fellowship in the Department.

Agricultural College, Poona

The College intends to introduce, in addition to the Degree courses a two-years' Diploma Course in Agriculture for those passing the School Leaving Certificate Examination, in order to provide non-graduates with a course of practical training in improved Agriculture.

Secondary Teachers' Training College, Baroda

Principal T. K. N. Menon with the co-operation of the College staff, has sponsored an educational quarterly, *Journal of Education and Psychology*. Its main object is to discuss problems of educational psychology and methods, but it is likely to serve as a medium for the exchange of ideas and for stimulating educational research.

M. T. B. College, Surat

The College has been permitted to raise two platoons (out of three of the "D" Company of the 1st (Bom.) Battalion U.T.C. (I.T.F.), and the Headquarters of the "D" Company have been fixed at the College from this year.

S. T. College, Belgaum

The College celebrated its Fourth Annual Social Gathering about the end of February, when prizes, medals, etc., were awarded to students who showed proficiency in games and other extra curricular activities, and the College Gymkhana was 'At Home' to the students and the staff.

Mr. J. P. Naik, Member, Provincial Board of Primary Education and Provincial Board for Adult Education, delivered two lectures on "The Educational History of Karnatak."

Owing to the successful introduction of pupils' mother-tongue as an exclusive medium of instruction in their Practising School, the College authorities have now been able to remodel the courses in some of the subjects of the Secondary School Curriculum.

D. A. V. College, Sholapur

The Annual Social Gathering of the College was cancelled, and the fund collected by the students for the purpose utilised, at their own request, for the relief of the famine striken people in Sholapur and the adjacent districts.

S. C. Shahani Law College, Karachi

In appreciation of the valuable services rendered by Mr. Rupchand Bilaram, President, Sind Collegiate Board, the Standing Committee of the College has decided to call the College Library after his name as "The Rupchand Bilaram Law Library."

Institute of Science, Bangalore

In view of the fact that it is almost impossible to import from abroad ready made industrial plants for various manufacturing processes which are now being developed in India, the establishing of a first class Research Workshop of Mechanical Engineering with suitable staff attached to it is under the consideration of the Institute.

Imperial Dairy Research Institute, Bangalore

The Institute has been authorised by the Government of India to entertain Honorary Research Workers, who are Graduates of Indian and European Universities and who are desirous of carrying out research work at the Institute. Such candidates as are suitable and well qualified for dealing with a problem within the purview of the work and activities of the Institute are selected. The number of workers is limited to two at present, and their period of research work does not ordinarily exceed one year. The workers are exempt from payment of any fees for the period of the research work; but they have to make their own arrangements for board and lodging.

Imperial Agricultural Research Institute, New Delhi

The major activities of the Institute are now mostly confined to problems directly or indirectly connected with the War, the more important being those relating to Crop Production and Storage, Fighting of the Locust Menace, and Plants of Agricultural Type which can be used as sources of Rubber Production.

Imperial Veterinary Research Institute, Izatnagar

The activities of the Institute are primarily directed towards research and the manufacture of biological products. It also provides higher educational facilities for Graduates in Veterinary, Agriculture and Dairying Sciences.

Changes in the Staffs of Colleges

Elphinstone College, Bombay

Mr. V. K. Kothurkar has been appointed Lecturer in Philosophy, *vice* Mr. J. C. P. d'Andrade, retired.

Mr. B. G. Kakatkar has been working as Assistant Lecturer in Mathematics, *vice* Mr. A. R. Kamat, resigned.

St. Xavier's College, Bombay

Professor L. N. Welingkar of the Economics Department left the College, and Professor H. N. Vibhakar and Professor Z. F. Zakie have been added to this Department as Part-time Teachers.

Ramnarain Ruia College, Matunga, Bombay

Professor F. M. Fernandes, Professor of English, has been transferred to this College from the Sir Parashurambhau College, Poona.

Sydenham College of Commerce and Economics, Bombay

Professor S. G. Panandikar has been appointed Principal, *vice* Mr. M. J. Antia, retired.

R. A. Podar College of Commerce and Economics, Matunga

Professor L. N. Welingkar has been appointed Principal, *vice* Mr. N. G. Naralkar, retired.

Mr. G. B. Kulkarni has been appointed Professor of Commerce and English.

Mr. M. V. Sohoni has been given the charge of the Advanced Banking and Economics of Transport.

Government Law College, Bombay

Mr. S. C. Joshi has been appointed Part-time Professor of Law, *vice* Mr. S. G. Chitale whose term of appointment expired.

Royal Institute of Science, Bombay

Mr. P. R. Awati, Professor of Zoology, has retired. Mr. J. F. Dastur (retired) is now Honorary Professor of Botany.

Mr. D. M. Patel, Lecturer in Mathematics, Gujarat College, Ahmedabad has been transferred along with his post to this Institute, *vice* Mr. K. R. Gunjikar, transferred to that College as Principal.

Grant Medical College, Bombay

Dr. J. L. Saldanha, Assistant Professor of Pathology, has been officiating as Professor of Pathology in addition to his own duties.

Mr. K. V. Rege, Honorary Assistant Surgeon, J. J. Hospital, and Tutor, G. M. College, has resigned, and Mr. M. G. Talwalkar, has been appointed in his place.

Dr. W. D. Sulakhe, Honorary Assistant Physician, J. J. Hospital, and Tutor, G. M. College, is officiating as T. B. Specialist, in addition to his own duties.

Mr. N. C. Datta, Assistant Professor of Biochemistry, has been appointed Warden, R. M. Bhatt Hostel, in addition to his own duties.

Dr. N. S. Variava, Honorary Assistant Physician, G. T. Hospital, has been appointed Honorary Physician, G. T. Hospital, and Teacher of Clinical Medicine, G. M. College, *vice* Dr. J. P. Padshah, resigned (since passed away).

Seth G. S. Medical College, Bombay

Dr. R. P. Koppikar has been appointed Dean, *vice* Dr. J. P. Padshah, deceased.

Dr. R. G. Dhayagude has been appointed Professor of Pathology and Bacteriology, *vice* Professor V. R. Khanolkar, who has been appointed Honorary Consulting Pathologist, on his retirement.

Dr. V. V. Jadhav has been appointed Honorary Lecturer in Medical Jurisprudence and Texicology, *vice* Capt. R. E. Dadachanji, retired.

Dr. S. N. Cooper has been appointed Honorary Ophthalmic Surgeon, *vice* Dr. G. T. Mody, who has been appointed Honorary Consulting Ophthalmic Surgeon to the K. E. M. Hospital, on his retirement due to superannuation.

Dr. C. B. Dhurandhar has been appointed Honorary Assistant Ophthalmic Surgeon; Dr. K. M. Masani, Honorary Gynaecologist; Dr. G. M. Phadke, Honorary Surgeon; Dr. P. K. Sen, Honorary Assistant Surgeon; and Dr. Y. M. Bhende, Assistant Professor of Pathology and Bacteriology.

Bharatiya Vidya Bhavan, Bombay

Shri Jinavijayaji Muni has been appointed Director, *vice* Dr. Manilal Patel, resigned, and the following new appointments have been made: Dr. A. D. Pusalkar, Assistant Director and Professor of Sanskrit; Shri S. D. Gyani, Professor of Indian History; Professor K. S. Vakil, Professor of Education; Shri Harivallabh Bhayani, Reader in Sanskrit; Shri Yashwant Shukla, Reader in Gujarati; Shri Chandrashanker P. Shukla, Registrar.

Fergusson College, Poona

The following members have been transferred to the College from the Willingdon College, Sangli: Professor R. V. Barave, Professor of Physics; Professor D. D. Vademar, Professor of Philosophy; Professor S. S. Murdeshwar, Professor of English and Kannada; Professor S. V. Kogekar, Professor of History and Economics.

Professor R. P. Shintre has been transferred to the New English School, Poona, as its Superintendent, and Professor D. G. Karve, who was in charge of the History and Economics Department, to the newly started Deccan Education Society's College of Commerce, Poona.

Sir Parashurambhau College, Poona

The following new Lecturers have been appointed in the College :—

Mr. R. R. Malegaonkar for English; Mr. G. N. Dike for Sanskrit; Mr. V. G. Sahasrabudhe for History; Mr. A. G. Javadekar and Miss Leela Vaidya for Philosophy; Mr. S. B. Kulkarni and Mrs. Madhumalati Apte for Mathematics.

College of Agriculture, Poona

Dr. G. S. Cheema resumed charge of Principal, *vice* Mr. B. S. Patel, retired.

Professor G. P. Patil resumed charge as Professor of Agri-Economics, *vice* Dr. M. B. Ghatge, transferred as Chief Marketing Officer.

Dr. K. N. Trehan resumed charge as Professor of Entomology, *vice* Professor P. V. Wagle, transferred as Lecturer in Agriculture.

Professor K. S. Kulkarny resumed charge as Professor of Agriculture, *vice* Mr. B. S. Patel, retired.

Bhandarkar Oriental Research Institute, Poona

Rao Bahadur Dr. S. K. Belvalkar has been appointed General Editor of the Critical Edition of the *Mahabharata*, *vice* Dr. V. S. Sukthankar, deceased.

Deccan College of Post-Graduate and Research Institute, Poona

Dr. S. M. Katre, Professor of Indo-European Philology, has been appointed Director, *vice* Dr. I. J. S. Taraporevala, who relinquished his post.

Willingdon College, Sangli

Professor R. N. Joshi, Professor of Physics, has been transferred to the College from the Fergusson College, Poona.

D. A. V. College, Sholapur

Mr. Uday Shankar has been appointed Lecturer in Philosophy, *vice* Mr. S. S. Jalota; and Dr. D. S. Datar, Lecturer in Chemistry, *vice* Professor M. S. Dave, retired.

Sarvajanik Law College, Surat

Mr. N. J. Mankad has been appointed Professor of Law, *vice* Professor B. P. Vakil.

Baroda College, Baroda

Professor P. C. Romans has been appointed Acting Principal, *vice* Dr. K. G. Naik, retired.

Dr. M. D. Avasare has been appointed to the senior grade post of Professor of Chemistry.

Secondary Teachers' Training College, Baroda

Professor K. K. Gadhavi has gone to the Practising High School as its Head Master, and his place has been taken by Professor E. V. Dadpe.

Professor S. N. Mukerji has been transferred as the Inspector of Secondary Schools; and Professor U. J. Trivedi is a new addition to the staff.

Gujarat College, Ahmedabad

Professor K. R. Gunjikar, of the Royal Institute of Science, Bombay, has been transferred to the College as its Officiating Principal and Professor of Mathematics, *vice* Mr. R. P. Patwardhan, appointed Deputy Director of Public Instruction.

Dr. P. H. Valvalkar has been appointed Lecturer in Logic and English, *vice* Dr. J. N. Chubb, transferred to Elphinstone College, Bombay.

Dr. S. M. Sethna has been appointed Officiating Assistant Lecturer in Chemistry, *vice* Dr. N. M. Shah, transferred to Ismail Yusuf College, Andheri.

S. L. D. Arts College, Ahmedabad

Mr. S. R. Bhatt, formerly Professor of English at the Dharmendrasinhji College, Rajkot, has been appointed Assistant Professor of English.

Mr. K. R. Dave has been appointed Assistant Professor of Mathematics, *vice* Professor G. S. Priolkar resigned.

H. L. College of Commerce, Ahmedabad

Professor M. M. Guptara has been appointed Professor of English, *vice* Mrs. S. Bhandarkar, resigned.

Professor U. S. Navani has been appointed Professor of Commerce and Economics, *vice* Professor K. D. Hiranandani, resigned.

Mr. M. Satyanarayana has been appointed Assistant Professor of Accounting and Business Methods, *vice* Mr. P. S. Rao, resigned.

Samaldas College, Bhavnagar

Professor L. N. Thacker has been appointed Professor of Economics, *vice* Professor H. B. Bhide, retired.

Secondary Training College, Belgaum

Mr. D. V. Chickermane and Mr. S. R. Joshi have been appointed, *vice* Dr. V. V. Kamat, transferred to Dharwar as Educational Inspector, S. D., and Mr. J. A. Vakil who joined Military Service.

Mr. A. N. Sane has been transferred to Dharwar as Assistant Educational Inspector, S. D.

King George V Institute of Agriculture, Sakrand

Dr. A. M. Shaikh, Mr. A. R. Akhtar and Mr. S. V. Chandiramani have been appointed, respectively, *vice* Dr. T. J. Mirchandani and Dr. J. C. Ramchandani, both transferred to Dokri, and Dr. J. K. Makhijani, taken up by the Government of the Punjab.

University of Bombay Teachers' Association

To fill the want of an organisation of the Teachers of the Bombay University a meeting of those available in Bombay was called on May 1, 1943. It resolved to take steps to bring into existence such an organisation at the earliest date practicable. The meeting elected Professor K. T. Shah, Chairman, and appointed a Committee to draft a constitution for the proposed organisation. This Committee having prepared a draft constitution, and enrolled some members, a meeting was held, on June 20, when it was resolved to found the Association, and adopt the draft constitution prepared by this Committee.

The general principles of this Constitution may be summarised as follows :

The Organisation should be called the UNIVERSITY OF BOMBAY TEACHERS' ASSOCIATION. It should be open for membership to all grades of Teachers, serving in the University or in any of the affiliated Colleges, or institutions recognised for post-graduate research. This will include not merely those now serving, but also those who may have served at any time in the past for not less than five years. It will comprise all Teachers on the University Teachers' electoral roll, Demonstrators of three years' standing, and Tutors in Medical Colleges.

Members are all equal *inter se* ; *i.e.*, no classes like Life Members, or Patrons, are recognised, or permitted under the Constitution. All members, will pay, at present a subscription of Rs. 2/- per annum, together with an entrance fee of Re. 1/-.

The Association's headquarters are to be Bombay City. Provision has, however, been made in the Constitution to permit holding of meetings in the different centres as may seem appropriate at any given time. The Association will be registered under the Societies' Registration Act.

The aims and objects of the Association will be academic as well as professional. On the academic side the general policy relating to education in general, and University education in particular, will receive principal attention. On the professional side the rights and responsibilities of University Teachers of all grades, particularly *vis-à-vis* the University or College authorities, will provide the main field of activity and interest. The promotion of the Teachers' interests in every legitimate way, and the obtaining of due recognition for their social status and economic security, will be the chief feature of that activity.

The Constitution makes adequate provision for the aims and objects on a broad basis, and for the governance of the Association on responsible democratic lines. A copy of the Constitution can be had from the Secretary on payment of 4 Annas, and Rules under the Constitution, another 4 Annas per copy.

The meeting of June 20 appointed a provisional committee, with adequate powers, to enrol members and to provide for elections to the several bodies of the Association. The Committee consists of:

Professor K. T. Shah (President), Professors J. C. Daruvala and K. L. Joshi (Hon. General Secretaries), Professor Moses Ezekiel (Hon. Treasurer), Miss Alu Dastur, Dr. R. G. Dhayagude, Dr. B. B. Yodh, Principal B. N. Seal, Professors G. C. Bannerji, G. M. Moraes, V. N. Bhushan, and Dr. N. S. Junankar.

The Committee has started its work by appointing Contact Committees in each centre or college to enrol members.

A programme for elections has been drawn up as follows:—

Last date for enrolment for voting at this year's elections	August 15, 1943
Last date for receiving nominations for (a) the President, and (b) Members of the Executive Committee	4 p.m., September 7, 1943
Last date for receiving voting papers at the Headquarters	4 p.m., September 30, 1943

Elections are to be conducted on lines similar to those prescribed by the Bombay University Act, *i.e.*, under a system of preferential single transferable vote.

The Association must be self-sufficient, from the start, if it aims at being an influential and independent organisation of Teachers, able to maintain and promote the rights and interests of the fraternity whenever and wherever necessary. Members must, therefore, look to themselves to provide the wherewithal to bring the organisation into existence and maintain it. The organisers hope, therefore, all Teachers qualified for the purpose, will enrol themselves in time for the elections.

Around Other Universities

Calcutta University

The University has decided to institute a course of lectures on Social Work for the benefit of Labour Officers to be engaged by industrial concerns, and to introduce a Diploma Course in Fishery.

In order to educate students on public questions, the University has decided to distribute free of cost a number of Radio Sets to the recognised Schools and affiliated Colleges of the University.

The number on the waiting list of the University Training Corps has been increasing by leaps and bounds. In view of this the University has approached the Headquarters, Eastern Army, for the addition of a Company to the 1st Calcutta Battalion.

The inability of the Government of India to undertake the organisation of the Indian Air Training Corps scheme in other Universities than the five already selected this year in view of shortage of instructional personnel and equipment has been communicated to the University by the War Department (Air Branch).

The Annual Convocation of the University was held on March 12. As Sir S. Radhakrishnan was not well, he was unable to deliver his Address. The Convocation Address was, therefore, delivered by Dr. Bidhan Chandra Roy, Vice-Chancellor of the University. In urging upon the new Graduates of the University " to cleave to the two supreme and dynamic virtues of Truth and Non-violence," he emphasised that " in this totalitarian War the very votaries of Truth have utilised their knowledge not to consolidate truth but to supress and kill it." He also remarked : " One of the main functions of the University is to produce leaders of thought and action, workers dedicated to the service of the nation."

The University issued Diplomas to certain security prisoners who could not attend the Annual Convocation on account of their detention in jail.

Professor Shung Shen Chern, of Kunming University, China, who is shortly due to arrive in Calcutta on his way to the United States, will deliver a series of lectures at the University on selected topics of Modern Differential Geometry.

The University has received a donation of Rs. 60,000 from Mr. G. D. Birla "for developing the cyclotrone apparatus for lessening the suffering of mankind." The research work will be undertaken by the Physics Department of the University.

January 1944 would mark the centenary of the birth of Sir Gooroodass Banerjee who shed lustre of his age as a great educationist, as a great jurist and as a man of character and honour. Efforts are being made to celebrate the occasion in befitting manner.

All Diplomas of Graduates (Bachelors, Masters, Doctors, etc.) in the various Faculties from the year 1928 to 1937 lying at the University office will be destroyed on January 2, next year. Graduates concerned are advised to take steps for obtaining their Diplomas by December 22. Duplicate Diplomas up to the year 1937 will be issued by the University on payment of a fee of Rs. 20 each with effect from January 2, 1944.

Dacca University

The Executive Council of the University after a long discussion, accepting the recommendation of the Larkin (Enquiry) Committee, decided on June 5 that no sign, song or demonstration of a political or religious nature, which was likely to wound the susceptibilities of any community, should be permitted at any University function.

Delhi University

The Legislative Assembly have appointed a Select Committee to consider the Delhi University Amendment Bill, with the Hon'ble Sir Sultan Ahmed as its President. The main provisions of the Bill are the Three-Year Degree Course and the appointment of a paid Vice-Chancellor in the University.

Benares University

The Government of Bihar have appointed Sir S. Radhakrishnan, Vice-Chancellor of the University, to be a member of the Committee for the Re-organisation of Sanskrit Studies, in place of Sir Ganga Nath Jha, deceased.

The Hon'ble Sir Jogendra Singh, Education Member, Government of India, visited the University, and had a talk with Pandit Madan Mohan Malaviya, on July 28.

Allahabad University

The University has decided to institute a B.Sc. Degree Course specially designed for women students, to recognise certain oriental examinations and to include Anthropology and Sociology among the ubjects of study for the Master's Degrees in Science and Arts.

With effect from the Examinations of 1945 the class in Masters' Examinations would be determined on the marks of the previous and final Examinations added together.

A proposal to make the Indian Languages the media of instruction and another relating to a Diploma Course in Nursing are also under the consideration of the University.

Lucknow University

Military Science has been introduced in the University this year, and it can be offered as one of the optional subjects for the B.A. Pass Degree. A two years' Diploma Course in Military Science—open only to the Post-graduate students of the University has also been instituted.

The University will also allow concessions to B.A., B.Sc. and LL.B. students who join military service. In the case of B.A. and B.Sc. students, if a student in the second year class, who has passed his terminal examination, joins military service, the University may confer the Degree on him, and as regards LL.B. students, if a student in the previous LL.B. class joins military service, on his return from active service, he will be allowed to sit for the final Examination without his having passed the previous LL.B. Examination, subject to the condition in all cases that their military service is not less than six months. The rules are applicable for the duration of the War.

Patna University

The Right Hon'ble M. R. Jayakar will deliver the Convocation Address of the University in November.

Madras University

The Government of India have accepted the proposal of the University for the formation of an Officers' Training Corps in place of the University Training Corps, and given sanction for the formation of a Second Battalion (O. T. C.) with Headquarters at Trichinopoly, the First Battalion having been already formed at Madras.

Professor Muhammad Aslam, Head of the Department of Psychology, Government College, Lahore, has been appointed by the University as Lecturer for the year under the Principal Miller Endowment, and the subject of his lectures will be "The Rise of Islam."

Andhra University

A resolution requesting the Government to postpone the elections of the Senate of the University to 1945, in view of the present circumstances in the country, was passed at the annual meeting of the University Senate held on March 15, Sir C. R. Reddi, Vice-Chancellor, presiding. The meeting also resolved that the proceedings of the Senate should be conducted as far as feasible in Telugu.

The University has decided to take steps for compulsory medical inspection of students in all its affiliated Colleges and to abolish some of the Honours Science Courses in view of the lack of facilities at Guntur where the University is at present located.

Travancore University

Post-graduate Courses in Physics and Chemistry leading to the M.Sc. Degree have been started in the University from the beginning of the academic year 1943-44. The University also proposes to start a Diploma Course in Shorthand and Typewriting.

The University has decided to confer the Honorary Degrees of Doctor of Letters on Mr. C. V. Chandrasekaran, Pro-Chancellor of the University, and of Doctor of Laws on Sir Maurice Gwyer.

Mr. C. K. Narayanan Nair, a research student of the University, has been selected as one of the scholars who will carry on research in a Chinese University. He is expected to leave India at the end of August.

Mysore University

Mr. N. S. Subba Rao, retired Vice-Chancellor of the University and holding the Chair of Economics in the Allahabad University, passed away on June 29.

Annamalai University

Mr. R. M. Alagappa Chettiar has given a donation of Rs. 5,00,000 to the University for the promotion of technological education. The foundation will be named " The R. M. Alagappa Chettiar Foundation for Technology."

Osmania University (Hyderabad, Deccan)

The Jam Saheb of Nawanagar visited the University on March 8. He was received by the Pro-Vice-Chancellor who introduced him to the senior staff.

The Annual Convocation of the University was held on March 19, under the presidentship of the Nawab of Chhatari. Sir Ardeshir Dalal delivered the Convocation Address.

At the instance of the University, Mr. C. N. Joshi, Professor of Marathi, has collected some valuable manuscripts in Marathi and Sanskrit from Maharatta Districts of the Hyderabad Deccan State. These manuscripts now form part of the Marathi Section of the University Library. Among the Sanskrit manuscripts five are on Metaphysics, three on Astrology, three on Spiritualism and the rest on Logic, Topography and Grammar.

S. N. D. T. Indian Women's University (Bombay)

The following have been elected to the University Senate from the different Constituencies as indicated, all for five years—*Patrons*: Mr. V. M. Merchant; *Graduates*: Mrs. Hansa Mehta, Professor V. G. Rao, Principal B. S. Patel and Professor T. M. Advani; *Educated*

Ladies : Mrs. Urmila Mehta, Mrs. Padmavati Desai and Miss Mrudulla M. Munshi ; *General* : Professor C. S. Patel and Mr. Ambu K. Vashi ; *Registered Graduates* : Mrs. Maniben N. Desai and Miss Gargi Bhatvadekar.

The Annual Convocation of the University was held on July 3. Sir Sitaram Patkar, Chancellor, presided, and Sir Chimanlal Setalvad delivered the Convocation Address.

Gurukul University (Kangri, Haradwar)

Pandit Amarnath Jha, Vice-Chancellor of the Allahabad University, will deliver the Convocation Address at the ensuing Anniversary of the University.

Visva-Bharati (Santiniketan, Bengal)

At a meeting of the Samsad, the following were elected Pradhans for a period of two years : Mahatma Gandhi, H. E. Tai-Chi-Tao, Sir Mirza Muhammad Ismail, Mr. L. K. Elmhirst and Sir S. Radhakrishnan.

Syt. B. K. Bhowmick, one of the life members of the Visva-Bharati, has donated Rs. 1,000 to the Visva-Bharati, the amount being earmarked for the Rabindra-Bhavana.

Proposed Maharashtra University

The Government of Bombay extended the date for submission of the Maharashtra University Committee's Report from the end of March to the end of June, and again to the end of August.

University for Orissa

The Orissa Legislative Assembly passed the Orissa University Bill on June 30. The University has been named ' Utkal University ' so that the Orissa States could claim it as their own.

University for Rajputana

Sir Mirza Ismail, Prime Minister of Jaipur and Member of the Central Advisory Board for Education, while presiding over the annual function of the Maharaja's College, Jaipur, on March 12, expressed a hope that " there might be a separate University for the whole of Rajputana, with its Headquarters at Jaipur but with complete distribution of authority. " He is so earnest about the scheme that he says, " Even if this undertaking is to be ours alone or almost alone, it is not beyond the resources of the State and its immensely generous benefactors of learning." Sir Mirza criticised the whole system of present-day education in India as " wrong " and emphasised the need for academic re-organisation throughout the country.

News of General Interest

Reduction of Written Examinations

As a measure of paper economy, the Central Board of Education has recommended to the Provincial Governments, Universities and other educational institutions reduction in the number of written and internal examinations to a minimum.

Selection and Prices of School Text-Books

Under the direction of the Government of Bombay, no text-books will be used or permitted to be used in any school under the management or control of a School Board in the Province of Bombay unless their selection for use in such school is made by the School Board with the previous approval of the Director of Public Instruction, Province of Bombay.

Owing to the rise in the prices of printing paper and other material, the Government of Bombay have allowed the publishers of text-books to increase their prices by 40 per cent. for high school text-books, 45 per cent. for middle school and upper primary text-books and 52½ per cent. for primary school text-books.

These increases are permitted on the pre-war prices of text-books and apply only to new editions or reprints printed on white paper. No increase has been permitted in the case of text-books already published at a specific price either as reprints or as fresh editions and which have already been sanctioned for use in schools by School Book Committees.

Hindustani in Secondary Schools

The Government of Bombay have directed that secondary schools in which the medium of instruction is other than Urdu or Hindi, but which provide for the teaching of Urdu or Hindi as a regional language, should be permitted to exempt from learning Hindustani those students who though studying through the medium of another language, take up the study of either Urdu or Hindi as a regional language.

Uplift of the Backward Classes

The Committee appointed by the Government of Bombay to consider ways and means for the improvement of the Backward Classes has recommended that most of the Rs. 25 lakhs earmarked for these Classes from the Special Development Fund should be devoted to basic schemes of education, agricultural and industrial improvements and medical facilities.

The educational improvements which the Committee recommends are the expansion of the existing hostels for Central Primary Schools for Backward Class students, esepecially from Aboriginal and Hill Tribes and the opening of 25 new hostels —four in Surat District, four in Thana, six in West Khandesh, four in Nasik, two in Kolaba, three in Ratnagiri and two in Kanara.

To encourage female education among the Backward Classes, hostels for girls attending primary and secondary schools should be open at suitable centres. The grants for girl inmates of Backward Class hostels should be increased and hostels which have been run satisfactorily for not less than five years should be given grants to construct their own buildings.

Scholarships of six pies a day will in future be paid to the children of Aboriginal and Hill Tribes in the Kolaba District who attend 50 per cent. of the working days in a month in voluntary schools. This system will be tried as an experimental measure for a year. The scholarships will be paid either in cash or in the form of clothes, books or slates.

Plight of the Blind

At the first annual general meeting of the All-India Light House for the Blind at Calcutta, Dr. S. P. Mookherjee presiding, Professor S. C. Roy narrated the miserable condition of the Blind in India, and stressed on the need of having some legislation passed for the benefit of the Blind as in Western countries, suggesting that some capable blind persons should be sent to the Legislatures for this purpose.

In his presidential speech Dr. S. P. Mookherjee said that blind people were not seeking favour but only their right when they wanted opportunities for education and employment. It was only in the national interest that blind persons should be trained and be provided with suitable positions.

Physical Education in Bombay

The annual " Health Day " was celebrated by the Training School for Physical Education at Kandivli on May 1, with demonstrations of physical exercises by the students of the Institute and distribution of prizes. Mr. S. A. Brelvi, who presided, said he was not one of those who saw nothing good in the prevailing system of education. He, however, recognised that it had some glaring defects, one of which was its neglect of physical education. When the Congress took office in 1937, the first and most important task to which it addressed itself was to develop and improve the educational system in all possible ways so as to make it subserve national needs. It was most fortunate that the Minister of Education then was Mr. B. G. Kher who, throughout his life, took a special interest in physical education. It was due to his efforts that this Institute had come into being.

Mr. Brelvi said, he saw no reason why even during the War, the Government could not carry out the recommendations of the Physical Education Committee which suggested the investigation of possibilities of establishing a College of Physical Education. For the early establishment of such a college by the expansion and proper equipment of the Institute would give the desired stimulus to the spread of physical education which was the aim of all those who were interested in the health, prosperity and happiness of the people.

Chinese Mission in Bombay

The Chinese Educational Mission arrived in Bombay on March 20. A crowded programme of visits to several educational institutions in the city and the suburbs was arranged for the Mission, which was led by Dr. Y. H. Ku, Vice-Minister of Education.

The Mission consisted of four members and one Secretary. They were (besides the leader) Dr. Tsiunchen Wu, Director of the Department of Higher Education of the Ministry of Education, Mr. Tsunglien Shen, Councillor of the Supreme Council of National Defence, Dr. Wen Tso-wu, Director of the Yenching Yunan Corporation in Sociological Research, and Mr. Joseph Ku, Secretary.

The object of the Mission was to make a first-hand study of various educational and cultural institutions throughout India. During its four days' stay in Bombay, the Mission visited, among other educational institutions, the Royal Institute of Science, St. Xavier's College, the Haffkine Institute, the University Department of Chemical Technology, the V. J. Technical Institute, the Physical Training Institute at Kandivli, and the Chinese School.

Chinese Scholars in India

The first batch of Chinese scholars to visit India in pursuance of the Government of India's scheme for exchange of scholars between the Universities of India and China in furtherance of cultural relationship between these two countries arrived in Calcutta on July 24. The batch consists entirely of medical scholars sent by the Director-General, National Health Administration, China. The scholars will take a course of training at the All-India Institute of Hygiene and Public Health, Calcutta, with scholarship grants from the Governmet of India.

School of Indian Architecture

Dr. Y. H. Ku, Leader of the Chinese Educational and Cultural Mission, in a letter from Chungking to Mr. Sris Chandra Chatterjee of the Calcutta University, supports the scheme for organising a school of Indian Architecture. Dr. Ku says that the object of the school, which is the revival and development of "classical arts and architecture of Magadha that were the very embodiments of the supreme

philosophy of Buddhism," will surely meet with the warm approval of all who love Indian art and architecture.

National Physical Laboratory

The question of establishing a National Physical Laboratory in the country is under the consideration of the Board of Scientific and Industrial Research, Government of India. A Sub-Committee with Mr. Ghulam Muhammad, Finance Member of the Hyderabad State, as Chairman, has been appointed to formulate a scheme on the matter for the consideration of the Board.

Primary Teachers' Conference

The Conference of the Bombay Provincial Primary Teachers' Association was held at Thana on June 27. Presiding over the Conference, Dr. G. S. Khair referred to the economic plight of primary teachers and made a strong plea for a better scale of pay and an adequate dearness allowance.

The Conference passed a resolution requesting the Government to give a dearness allowance to primary teachers on the same scale as that paid to Government employees. The Conference also urged the adoption for the time being of the scale of pay recommended by the Sargent Committee and asked the Association to prepare, in the meanwhile, its own scheme of a pay-scale.

Bombay Suburban Educational Conference and Exhibition

Under the auspices of the District School Board, Bombay Suburban District, an Educational Conference and an Exhibition of Handicrafts and Teaching Aids were organised on March 27 and 28, at the Madhavdas Amersey High School, Andheri. Mr. R. P. Kar, Educational Inspector, Bombay Division, presided. There were six demonstration lessons, eight educational talks and eight lectures. Among those who addressed the Conference are Mr. S. U. Shukla, Miss Kapila Khandvala, Rev. P. E. Fernandez, Rev. Mascarenhas, Mr. K. T. Mantri, Mr. L. P. Kirana, Mrs. Yamunabai Hirlekar, Miss R. Reuben and others.

Secondary Teachers' Salaries

The inadequacy of the salaries paid to secondary teachers in Bombay was voiced by Mr. H. V. Hampton, a member of the Public Service Commission, presiding over the Sixth Teachers' Day celebrations of the Bombay Secondary Teachers' Association at the St. Xavier's School Hall, on April 10.

A deputation of the Bombay Provincial Federation of Secondary Teachers' Association, headed by their President, Mr. K. T. Shah, met Mr. S. N. Moos, Director of Public Instruction, on May 1, to discuss the question of additional grants to schools in connection with

the payment of dearness allowance to the teaching staff. The Director of Public Instruction promised to consider the question of giving supplementary grants, funds permitting, to those schools which are paying dearness allowance to their staff.

A Scheme of Insurance for Secondary Teachers

The Bombay Provincial Federation of Secondary Teachers' Association has, under the presidency of Mr. K. T. Shah, prepared a scheme of Insurance for teachers, adding considerably to the sense of security among teachers, and helping to make teaching a career. At present the scheme is confined to Life and Family Benefits only, based upon voluntary contribution from teachers actively employed in any recognised secondary school in the Province, and is to be worked by the New India Assurance Co., Ltd. The authorities of the Education Department are sympathetic and may even permit contributions being made out of the existing Provident Fund arrangement. Eventually the scheme may become a substitute for the Provident Fund, and will include all those other contingencies of teaching life and work,—such as sickness, accident, disability, etc.,—which at present have had to be excluded.

New Educational Division

The Government of Bombay have created a new Educational Division without increasing the number of Educational Inspectors in order to ensure better inspection of schools. The proposal envisages the discontinuance of a separate Educational Inspector of European Schools and the distribution of work on a more equitable basis between the four Educational Inspectors.

The new Bombay Division consists of Bombay City and the Bombay Suburban District and all European Schools in the Province. The new Central Division consists of only five Districts, comprising Poona, Satara, Sholapur, Ahmednagar and Ratnagiri, while the North-East Division, which is created, has its Headquarters at Nasik with jurisdiction over the Districts of Kolaba, Thana, Nasik and East and West Khandesh.

No change has been made in the existing Northern and Southern Divisions because the former is linguistically a compact unit and the latter is convenient from the administrative point of view.

Intelligence Tests

The Council of Management of the Gujarat Research Society, under the presidency of the Hon'ble Mr. Justice H. V. Divatia, has sanctioned the scheme of Intelligence Testing prepared by Mr. J. H. Trivedi and Mr. M. P. Vaidya. Those interested in the subject may communicate with the Gujarat Research Society, c/o the University School of Economics and Sociology, University of Bombay, Bombay.

University Training Corps

The Government of India have increased the number of U. T. C. units from ten to fifteen (one unit being held in abeyance), thus providing U. T. C. Training facilities where none existed before, increasing the numerical strength of existing contingents. The North-Western Frontier Province has been provided with a new unit and the Provinces of Bombay, Madras, United Provinces and the Punjab have each been allotted two Battalions instead of one. New Syllabuses are under preparation and the necessary arms and equipment will be issued as and when available. The Government have taken in hand the question of changing the designation "University Training Corps" to "Officers' Training Corps."

Study of Social Sciences

The Indian Science Congress has a Sub-Committee on Science and Social Relations, with Dr. John B. Grant, Director of the All-India Institute of Public Health and Hygiene, Calcutta, as its President, Dr. Kewal Motwani as its Secretary, and Pandit Jawaharlal Nehru, Professor D. N. Wadia, Professor Megnath Saha, Professor S. K. Mitra, Professor P. C. Guha and Professor Benoy Kumar Sarkar as its Members, to foster the study of Social Sciences and to promote the wide-spread utilisation of science for general human social welfare. The Sub-Committee has carried on considerable propaganda in this direction and the Indian Science Congress invited Dr. Kewal Motwani, Honorary Secretary of the Sub-Committee, to deliver an address on "Science and Indian National Reconstruction," under its auspices, at its annual session, at Baroda.

Indian Science Congress

The Indian Science Congress Association has accepted the invitation of the University of Travancore to hold the thirty-first session of the Congress at Trivandrum, under the auspices of the University. The session will be held from January 2 to 8, next year.

C. P. F., A. R. P. and Civil Defence Rules Services

The Government of India have decided that services in the Civil Pioneer Force and whole-time service in the A.R.P. Organisation and Civil Defence Organisation will be declared as "approved war service" under Clause (2) of Paragraph 2 of Government Resolution in the Political and Services Department No. 4083/34, dated March 1, 1943, as soon as a state of emergency arises, but not till then.

Tagore Memorials

The All-India Rabindranath Tagore Memorial Committee has decided to award periodically a "Tagore Prize" on the lines of the "Nobel Prize," to the best writer in any of the Indian Languages, and to publish hitherto unpublished works of the Poet, and prepare a book dealing with the life work of Rabindranath Tagore laying spe-

cial stress on his physical and lyrical poetry and his ideas of nationalism and internationalism. The Committee also proposes to collect Rs. 20 lakhs for the stablising and developing of the Visva-Bharati and for erecting his statue in some prominent city of India.

The Tagore Society of England has decided to establish a Tagore Institute in London to be a centre for the study of Indian art and literature in collaboration with the Visva-Bharati. An American lady who was the Poet's hostess when he visited the United States is understood to be bearing the cost of the plan. An influential committee has been formed for the scheme. A painting of Tagore by Sir William Rothenstein and an etching of him by Sir Muirhead Bone have been accepted by the National Portrait Gallery. A Tagore Society is contemplated in New York. The Society hopes that Tagore Lectureships may be established at Oxford and Harvard Universities.

International Youth and Students' Reception

The London Indian students held an international youth and students' reception on June 21, when representative youths of twenty-six countries gathered for interchange of social, political and cultural view points. The distinguished guest Dr. George Yeh, London Director of the Chinese Ministry of Information, said that China and India were destined to play a great rôle in the post-war world.

London School of Oriental Studies

In the last issue of this *Bulletin* was given news about the protests made against the ejection of the School of Oriental Studies from its home in one of the buildings of the London University to make additional room for the vast personnel of the Ministry of Information, and it was stated that the Government had not been able to restrain the Ministry from what was regarded as it 'elephantine vandalism.' It is now understood that the struggle has ended in a victory for the School which, although not complete, is at any rate substantial. The present position is that the School is not to be ejected from the portion of its premises which it still occupies, although it remains divorced from its Library.

Post-War Problems of Education

Harvard University, America's oldest higher educational institution, has appropriated $. 60,000 and appointed a Committee of Professors to embark immediately upon a two-year study of Post-War Problems of Education. Several of the appointees have been relieved of their academic duties in order to give full attention to promoting the aim of "broad and general education in a free society," based on the recommendations laid down in the annual report of Dr. James B. Conant, President of the University. Dr. Conant's report predicts sweeping educational advances after the War and urges a system by which the average citizen will have the maximum of cultural opportunities, and exceptional talent will receive recognition and support on all academic levels.

Prominent Personalities

Sir Shantiswarup Bhatnagar

Sir Shantiswarup Bhatnagar, Director, Board of Scientific and Industrial Research, has been elected a Fellow of the Royal Society. He is the first Indian Chemist to receive this distinction.

Professor D. N. Wadia

Professor D. N. Wadia, formerly of the Geological Survey of the Government of India, and now Director of Minerology, Ceylon, President of the Indian Science Congress for 1941-42 and 1942-43, is the first Asiatic to be awarded the Lyell Gold Medal by the Royal Geolgical Society of the United Kingdom. Professor Wadia is the author of a standard work *The Geology of India.*

Dr. R. D. Desai

Dr. R. D. Desai, Deputy Head of the Chemistry Department, Victoria Jubilee Technical Institute, Matunga, has been elected a Fellow of the National Institute of Science of India. Dr. Desai has also been elected President of the Bombay Section of the Indian Chemical Society for the calendar years 1943 and 1944.

Dr. Radhakamal Mukerjee

Dr. Radhakamal Mukerjee, Professor of Economics and Sociology, Lucknow University, has been invited by the U. S. A. to Membership of the Committee on the Study of Economic Thought, co-ordinating economic thinking in different regions including Asia, and of the Institute of World Economics for evaluating current proposals and policies of post-war reconstruction from a world viewpoint.

Dr. Kewal Motwani

Dr. Kewal Motwani has been actively interested in the establishment of an Indian National Academy of Social Sciences. The Vice-Chancellors of all the Indian Universities, excepting that of Madras, have endorsed the scheme, and many Indian leaders, including Pandit Jawaharlal Nehru, have expressed their opinions in favour of it.

Dr. Dinshaw Mehta

Dr. Dinshaw Mehta of Poona is the recipient of this year's Honorary Degree of Master of Natural Therapeutics in recognition of " his outstanding work in the field of nature cure." The award was conferred by unanimous vote at the Annual Conference of the Incorporated Society of Registered Naturopaths held in Edinburgh.

Dr. S. Chandrasekhar

Dr. S. Chandrasekhar has contributed further to the knowledge of Astronomics by demonstrating that the average life of the composition of a cluster of stars is between three and five million years. His mathematical computations help to confirm the views of geologists that the world has been in existence for at least two million years. Dr. Chandrasekhar has been working for the past five years in the Yerkes Observatory of the University of Chicago. His remarkable studies on the internal constitution of the stars brought him to the notice of American astronomers, and some years before War broke out he was invited to deliver lectures at Chicago University and Harvard.

Mr. Bal Kalelkar

Mr. Bal D. Kalelkar, who had gone to the U. S. A. three years ago, for higher studies in Mechanical Engineering, has been appointed on the teaching staff of the Cornell University at Ithaca (N. Y.). It may be recalled that two years ago, on passing his M.Sc. from the Mass. Institute of Technology with a total of 82 per cent. marks, Mr. Bal Kalelkar was awarded the Edgar Meyer Memorial Fellowship in Engineering at Cornell, where he is now engaged in research work with a view to proceeding to a Doctor's Degree. Mr. Kalelkar is the product of the local Elphinstone College and Royal Institute of Science, and the Karachi Engineering College.

Mr. D. N. Mahta

Mr. D. N. Mahta, Secretary of the Indian Central Cotton Committee, has been awarded the silver medal of the year by the Royal Society of Arts, London, for his paper on "Recent Advances in Indian Cotton Production." Mr. Mahta has worked in the field of cotton research for nearly two decades. Previously he was Economic Botanist for Cotton to the Central Provinces Government for nearly twelve years. A Graduate in Natural Science of Oxford University, he took there a Diploma in Agriculture. He also carried on research work at the Imperial Bureau of Mycology at Kew.

Sir S. Runganadhan

Sir Samuel Runganadhan has been appointed High Commissioner for India in London in succession to Sir Muhammad Azizul Haque. On June 11 he was presented with a medal by the Royal Society of Arts for a lecture on Indian Universities delivered by him last year.

The late Sir Jehangir Coyajee

Sir Jehangir Coyajee, a leading economist, passed away on July 14. Sir Jehangir specialised in economic and financial matters. He was a member of the Indian Fiscal Commission in 1921-22, of the Royal Commission on Indian Currency and Finance in 1925-26, and of the Indian Coal Committee in 1936-37. He was for three successive years an Indian delegate to the Assembly of the League of Nations, and in

1930 was nominated to the Council of State. Sir Jehangir was for a time a Professor in various Colleges of this Province. Later, he proceeded to Cambridge, where he obtained the Economic Tripos. Then he was appointed as Professor of Economics and subsequently as Principal of the Presidency College at Calcutta. After that he was both Principal and Professor of Economics at Andhra University, where he also acted as Vice-Chancellor for some time. A Correspondent of the Royal Economic Society, Sir Jehangir wrote extensively on economic subjects. His publications include *The Indian Fiscal Problem, Indian Currency and Exchange, The World Depression, India and the League of Nations, Cults and Legends of Ancient Iran and China* and *Studies in Shahnameh.*

The late Mr. W. M. Joshi

Mr. Waman Malhar Joshi, Principal of the Women's College, Poona, of the S. N. D. T. Indian Women's University, passed away on July 20. Mr. Joshi was a well-known Marathi scholar. After passing the M. A. Examination he conducted a magazine at Kolhapur and later worked on the editorial staff of the *Kesari.* He was a powerful and prolific writer and wrote several books. Over twelve years ago he joined the Poona Women's College as a Professor and became its Principal later. He presided over the annual session of the Marathi Sahitya Sammelan held at Margao, Goa, in 1930.

The late Sir Nilratan Sircar

Sir Nilratan Sircar passed away on May 18, at the ripe age of eighty-two. He was a great medical man. For about two generations he was the greatest luminary in the Indian medical world, and he won for the Indian practitioners of modern medical science the same status and dignity as their Western brethren enjoy. Sir Nilratan was also an educationist of no mean order, and was for several years Vice-Chancellor of the Calcutta University. He represented that University in 1920 at the Congress of the British Empire Universities in London, and was honoured on the occasion by the Universities of Oxford and Edinburgh which conferred upon him the Honorary Degrees of D. C. L. and LL.D. respectively. He was also keenly interested in the advancement of indigenous industries.

The late Sir George Anderson

Sir George Anderson, former Educational Commissioner to the Government of India, passed away on May 15. Sir George was Professor of History, Elphinstone College, Bombay; Asst. Secretary, Educational Department, Government of India; Secretary to the Calcutta University Commission; Member of the Auxiliary Committee of the Indian Statutory Commission; Director of Public Instruction, Punjab; Educational Commissioner with the Government of India. He retired in 1936. He wrote *Expansion of India, British Administration in India* and *Christian Education in India.*

Prize Competitions

The Dadoba Pandurung Turkhadkar Prize

Applications are invited for the Dadoba Pandurung Turkhadkar Prize of the value of Rs. 240 to be awarded this year. The Prize will be awarded to a Graduate of the University of Bombay for the best work in Marathi on any literary, dramtaic, social, historical, political, economic, scientific, philosophical or religious subject, published during the period of one year preceding September 15, 1943.

Applications in the prescribed form should be forwarded to the Registrar, University of Bombay, *on or before Monday, September 27, 1943*, and they should be accompanied by four copies of the publication which the applicants desire to be considered for the Prize. Forms of application and further particulars regarding the award of the Prize can be obtained from the Registrar, University of Bombay, Bombay.

The Swiney Prize for General Jurisprudence*

The next award of the Swiney Prize will be made in January 1944, the hundredth anniversary of the testator's death. The Prize—a cup of the value of £100 and money of the same amount—is offered for General Jurisprudence.

Any person desiring to submit a work in competition, or to recommend any work for consideration, should do so by letter, addressed to the Secretary, Royal Society of Arts, John Adam Street, Adelphi, London, W. C. 2, *not later than November 30, 1943.*

The Narsingh Prasad Hari Prasad Buch Metaphysics Prize*

The Narsingh Prasad Hari Prasad Buch Metaphysics Prize of the value of Rs. 150 will be awarded to an Indian who writes the best essay in English or Hindi on "*Relation Between Existence and Value in Indian and Western Philosophy.*"

Further information may be obtained from the Registrar, Benares Hindu University, whom the essays should reach *on or before January 31, 1944.*

Prizes for Hindi Books on Creative Literature*

The Hindustani Academy, U. P., Allahabad, have made arrangements for the award of ten prizes of Rs. 1,200 each for Hindi books on creative literature to be given away to the authors submitting their works in manuscript under the following classifications :—

1—2. Long narrative poems (two prizes), 3. Collection of short poems by one author consisting of about 100 pages or 2400 lines, 4. Drama, 5. Fiction (Novels, etc.), 6. Humour, Satire and Wit (continuous piece of a collection of sketches), 7. Short Stories (six best), 8. One-Act Plays(four best), 9—10. Essays (twelve best), Two Volumes.

Further particulars may be obtained from, and the manuscripts should be submitted in duplicate *by March 3, 1944,* to the General Secretary, Hindustan Academy, U. P., Allahabad.

---

*The Editor of the *Bulletin* or the Registrar, University of Bombay, will not entertain any correspondence in connection with these competitions.

Acknowledgments

Elphinstone High School Quarterly, March 1943, Vol. XVIII, Nos. 3—4 : Edited by M. P. Mushrif (Elphinstone High School, Bombay).

G. E. S. Dharamsey Thackersey High School Magazine, March 1943, Vol. VIII, No. 1 : Edited by R. M. Bhagwat (Dharamsey Thackersey High School, Girgaum, Bombay).

G. E. S. Girls' High School Niyatakalik, April 1943, Vol. III, No. 2 : Edited by Mrs. V. V. Parulkar and others (G. E. S. Girls' High School, Dadar, Bombay).

Modern High School Niyatakalik, April 1943, Vol. III, No. 2 : Edited by M. V. Kashikar and others (Modern High School, Poona).

Vivek, April 1943, Vol. IX, No. 1 : Edited by G. V. Mehrunkar and M. K. Upasani (L. N. Sarvajanik High School, Jalgaon).

City High School Niyatakalik, January 1943, Vol. II, No. 1 : Edited by M. D. Joshi (City High School, Kolhapur).

People's High School Annual, May 1943 : Edited by G. V. Kantak (People's High School, Nova Goa).

St. Xavier's College Magazine, April 1943, Vol. XXXVI, No. 2 : Edited by A. Esteller, S.J. (St. Xavier's College, Bombay).

Nowrosjee Wadia College Miscellany, March 1943, Vol. XI, No. 2 : Edited by H. D. Sethna (Nowrosjee Wadia College, Poona).

Law College Magazine, March 1943, Vol. V, No. 2 : Edited by K. V. Dikshit (Law College, Poona).

Sarvajanikan (M. T. B. College and Sarvajanik Law College Magazine), March 1943, Serial No. 46 : Edited by V. R. Trivedi (College Gymkhana, Surat).

Journal of Education and Psychology, April 1943, Vol. I, No. 1 : Edited by T. K. N Menon (Secondary Teachers' College, Baroda).

Phuleli (Silver Jubilee Number), Vol. XXV : Edited by Miss G. T. Thadhani and A. K. Jhuremalani (D. G. National College, Hyderabad, Sind).

Upper Sind Collegian (Decade Number), March 1943, Vol. IX, No. 1 : Edited by M. N. Jaffrie (Chellasing and Sitaldas College, Shikarpur).

PUSHPA—The Children's Own Paper (Summer Number), July 1943, Vol. VIII, No. 7 : Edited by Mrs. Krishna Hutheesing and Mrs. Pupul Jayakar (Balkan-ji-Bari—The All-India Children's Association, "Gulistan," Khar, Bombay, 21). Illustrated Monthly Journal. Annual Subscription : Rs. 3/-, inclusive of postage.

Military Studies, Nos. 5—12 : Edited by G. M. Jadhav ("Nirvan," Shivaji Road, Baroda).

School Broadcasts, Monsoon Term, 1943 (All India Radio, Bombay).

Reports : (i) Annual—1942-43, of the Dadar School for the Blind, Dadar, Bombay ; (ii) Thirty-ninth—1941, of the Mogaveera Vyavasthapaka Mandali, Bombay ; (iii) for 1940-42, of the Sir Dorabji Tata Graduate School of Social Work, Bombay; (iv) Ninth—1941-42, of the Memon Educational and Welfare Society, Calcutta.

An Educational Survey of the Kolhapur State (Education Department Publication No. 8), by Rao Bahadur P. C. Patil, Education Minister, Kolhapur. This is a summary of the Educational Survey Register of the State, prepared with the assistance and co-operation of the Revenue Department and the Shikshana Mandal of Kolhapur. It shows that out of 1263 villages of the State, 1090 villages have been provided with schooling facilities, and the remaining 173 villages, which are still without schools, have a population of only 1 to 500—most of them being just hamlets with a population of less than 300. Thus the population without schooling facilities is shown as only 20,948 out of 6,99,557, or 30 per mile. The State had an expansion programme for 1942-43, started with the object of providing schooling facilities to all villages with a population of more than 200, and this programme has fallen short by only 23 schools, which also is attributed to the absence of accurate data. Now that the survey is completed, the State hopes to complete this programme before the end of 1943-44.

Public Notices of Vacancies

University of Bombay

(*i*) *Two posts of Lecturers in Economics* in the Department of Economics, and *two posts of Lecturers in Sociology* in the Department of Sociology.

Salary: Rs. 250—25—400 for each Lecturer. The appointments will be on probation for two years, and the Lecturers will be required to contribute to the University Provident Fund.

Qualifications: Applicants for Lectureships in Economics must have specialised in one or more of the following subjects—(1) Agricultural Economics; (2) Industrial Organisation and Policy; (3) Labour; (4) Public Finance; and (5) Indian Demography. A knowledge of Statistics will be an additional qualification.

Applicants for Lectureships in Sociology must have specialised in one or more of the following subjects—(1) Social Psychology; (2) Indian Ethnology; (3) Social Biology; (4) Social Work; and (5) Anthropo-Geography. The Lecturers will be required to give instruction to Post-graduate students and guide and conduct research in their special fields under the supervision of the Head of the Department, such supervision to be without prejudice to the administrative control which is vested in the Administrative Head of the University School of Economics and Sociology.

Last date for the receipt of six copies of the application, giving full details about the candidate's academic career, research qualifications, age, teaching experience, publications, and the subject in which he has specialised with reference to Indian conditions, together with six copies of testimonials, by the Registrar, University of Bombay: *August 20, 1943.*

(*ii*) *Reader in Dyestuff Technology* in the Department of Chemical Technology.

Salary: Rs. 400—30—550. The appointment will be on probation for two years. The Reader will be required to subscribe to the University Provident Fund.

Qualifications: (1) A Degree in Chemical Technology or Chemical Engineering; (2) Adequate knowledge and experience of works practice in the manufacture of intermediates and dyes. The Reader will be in charge of the Dyestuff Section under the direction of the Head of the Department, and will be required to conduct teaching and research on the technology of dyes.

Last date for the receipt of six typewritten copies of the application on the prescribed form (available from the Registrar), together with six copies of certificates, by the Registrar, University of Bombay: *September 15, 1943.*

University of Travancore

Professor of History in the University College.

Salary: Sircar Rs. 300—40/2—500. The salary of the selected candidate will be fixed in accordance with his qualifications, experience, previous position held, etc., and may exceed the maximum of the scale.

Qualifications: A First Class Honours or Master of Arts Degree in History of a recognised Indian or British University together with five years' teaching experience. The selected candidate will be on probation for one year.

Last date for the receipt of applications, showing details regarding age, qualifications, nationality, teaching and research experience, salary expected, together with testimonials and copies of published papers, by the Registrar, University of Travancore, Trivandrum: *August 15, 1943.*

Osmania University

Librarian.

Salary: O. S. Rs. 250—400. (O. S. Rs. 116-10-8 = Indian Rs. 100.) The appointment will be on probation for two years.

Qualifications: (1) Diploma of a well-known School of Librarianship; (2) High academic qualifications; (3) Practical experience of library administration, classification, cataloguing and knowledge of modern methods of preservation and classification of Oriental and Occidental Manuscripts.

Last date for the receipt of applications, with original certificates, by the Registrar, Osmania University, Hyderabad, Deccan: *August 21, 1943.*

University of the Panjab

Lecturer in Indian Music, who will also be in administrative charge of the University Department of Music.

Salary: Rs. 200—10—350. Entitled to the benefit of the Provident Fund.

Qualifications: (1) Graduate of an Indian University; (2) Graduate or Diploma holder of any well-known Music Institution or having studied under a well-known Musician for at least five years; (3)Adequate teaching experience and administrative and organising ability.

Last date for the receipt of applications from *ladies* only, with full particulars—especially the system of Music studied by the applicant, by the Registrar, University of the Panjab, Lahore: *September 15, 1943.*

Bombay-Sind Public Service Commission

(*i*) *Personal Assistant to the Civil Surgeon, Poona.*

Salary: Rs. 400—25—700.

Qualifications: A good Degree and ten years' good office or administrative experience, preferably in a Government Office or Department. Non-graduate applicants of proved merit and ability with fifteen years' administrative experience in a Government Office or Department will also be considered.

Age: Not less than 28 and ordinarily not more than 35 on November 1, in the case of non-Government servants.

(*ii*) *Deputy Engineer.*

Salary: Rs. 100—500.

Qualifications: (1) A Degree in Civil Engineering *or* Graduate Membership of the Institute of Engineering (India); (2) Knowledge of water supply and drainage engineering; (3) Experience of surveying and estimating.

Age: Ordinarily not more than 32 years on November 1.

(*iii*) *Fisheries Officer, Bombay.*

Salary: Rs. 300—450 and C. A. Rs. 60.

Qualifications: Science Degree with Zoology, further specialisation in some branch of marine fisheries and, preferably, five years' practical experience of marine and fresh water fisheries and knowledge of a regional language of the Bombay Province.

Age: Not more than 35 years, except for the Servants of the Bombay Government.

(*iv*) *Woman Assistant Surgeon, Sind.*

Salary: Rs. 170—400 (Rs. 150 during probation), *plus* Rs. 20 as house rent allowance.

Qualifications: M.B., B.S., or equivalent Degree.

Age: Not more than 28 years on September 2.

Last dates for the receipt of applications on the prescribed forms (supplied on receipt of large addressed envelope with 3½ annas stamps and *uncrossed* postal order for Re. 1/- for each, payable to "Secretary, Bombay-Sind Public Service Commission," Bombay, who will also supply full details on request): *August 17, 1943* in case of (*i*); *August 28, 1943* in case of (*ii*) and (*iii*); and *September 2, 1943* in case of (*iv*).

Punjab and N.-W. F. P. Joint Public Service Commission

Ferry Superintendent, Ghazighat.

Salary: Rs. 150—10—200/10—350; initial pay according to age, qualifications and experience.

Qualifications: A certificate as Engineer of an inland vessel with experience of oil fired boiler, ferry service and boat bridge for inland waterways. Government servants eligible. Further particulars on application.

Age: Between 30 and 50 years on October 16.

Last date for the receipt of applications (from British subjects domiciled in Asia or subjects of a notified Punjab State), on the prescribed form (obtainable free), accompanied by Treasury or M. O. Receipt for Rs. 5, by the Secretary, Punjab and N.-W. F. P. Joint Public Service Commission, Lahore: *August 24, 1943.*

Federal Public Service Commission

Lecturer in History, Government College, Ajmer.

Salary: Rs. 200—15—410—E.B.—15—545 (Rs. 200—20—500 for Government servants entitled to old rates).

Qualifications: Ph. D. or First Class Honours Degree in History of a University in the British Isles *or* First Class M.A. Degree in History of a University in India or the British Isles *or* Second Class M.A. Degree in History of an Indian or a British University or a Second Class Honours Degree of a British University, with three years' experience of teaching History to Degree classes. Should be British subjects of Indian domicile, subjects of Indian States and British subjects of Indian descent evacuated from a country in the British Empire. Women eligible.

Age: Not more than 35 years (preferably not more than 30); may be relaxed in favour of Government servants.

Last date for the receipt of applications on the prescribed form, accompanied by a Treasury Receipt for Rs. 7-8, by the Secretary, Federal Public Service Commission, Simla (from whom full details and application forms are available): *August 20, 1943.*

CONVOCATION GOWNS AND HOODS

ON HIRE

CAN BE HAD AT

DATTATRAYA DANDEKAR & Co.

CLOTH MERCHANTS AND TAILORS

UNIVERSITY GOWNS AND HOODS MAKERS

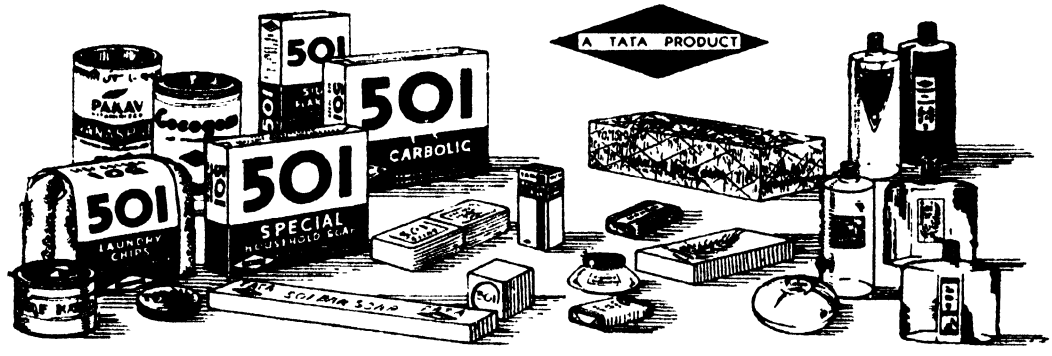
SOMAN BUILDING, NEAR PORTUGUESE CHURCH, CHARNI ROAD
GIRGAUM—BOMBAY

THE TATA OIL MILLS, TATAPURAM, COCHIN STATE

IN THE INDUSTRIAL PLANNING OF INDIA

The House of Tata started the Industrial Planning of India half a century ago and with them The Tata Oil Mills plays its part today. It is actively engaged in the manufacture of a wide range of products so necessary for daily use in every home of India.

Founded in 1918 with a factory in Cochin State, the growing demand for its articles of quality necessitated the building of a new factory in Bombay; and today both factories are trying to meet the ever growing needs of the country. The Tata Oil Mills will continue to contribute its share in future schemes of National Planning.



THE TATA OIL MILLS CO. LTD., TATAPURAM & BOMBAY

MARTIN'S
A DICTIONARY OF ENGLISH USAGE

Second Edition **Pages 181**

What the leading educational journals say :

1. **A MIRACLE OF COMPRESSION.**

"It is in fact a miracle of compression. It is astonishing to find how much information is gathered within the covers of this book."—*Educational Review*, Madras, April 1942.

2. **ENTRIES EXTREMELY GOOD.**

"Several of the entries, which are arranged alphabetically, are extremely good and will be read with profit by those who are doubtful about particular points of grammar, spelling or idom."—*Teaching*, Bombay, June 1942.

3. **AN INFORMATIVE AND ENTERTAINING BOOK.**

"On the whole, this is an informative, even entertaining, little book and it deserves to be brought to the notice of teachers and senior pupils in secondary schools."—*Teaching*' Bombay, June 1942.

4. **WHY PRINCIPAL MARTIN HAS SUCCEEDED.**

"This book is the production of a master of language who has a wide experience of schools in this country and who may reasonably be expected to have a good knowledge of where the average Indian student is likely to stumble and flounder."—*Educational India* Masulipatam, April 1942.

K. & J. COOPER — PUBLISHERS — BOMBAY, 4

CATHOLIC SCHOOLS AND COLLEGES

will find a wide selection of Catholic Books on Religion and Morals in English and some of the Vernaculars, as also other Books of General Catholic interest and Repository Goods at the

EXAMINER PRESS BOOKSHOP

Junction of Bell Lane with Medows and Dalal Streets

FORT, BOMBAY

THE creation of Hind Cycle is a rare achievement of Indian industrial enterprise for Hind is equal to the World's best cycle in every way.

Hind Cycle is completely built in Bombay from the finest materials in a modern plant housing the latest type of precision equipment. It is built to last a lifetime and to give you years of trouble-free service in comfortable riding.

See a Hind at your nearest dealer today.

Hind Cycles, Ltd., 250, Worli, Bombay

B 193 A **Managing Agents : Birla Bros., Limited**

HIND CYCLES

Agents for Bombay Presidency :

National Traders, Kalbadevi Road, BOMBAY

(ESTABLISHED 1915)

THE PIONEER MAGNESIA WORKS, Ltd.

Pioneer Manufacturers and Distributors in India and Exporters Overseas

Phone: 22843

of

HEAVY CHEMICALS : *for*

1. ● **MAGNESIUM CHLORIDE** * (BEST KHARAGHODA) — Sizing and Weighting of Textiles
2. **EPSOM SALT** (*i.e.*, Magnesium Sulphate) — Bleaching & Finishing
3. ● **MAGNESIUM CARBONATE** — Filler in Paper & Rubber
4. ● **CALCIUM CHLORIDE** (FREEZINE BRAND) — Refrigeration and Ice-making
5. ● **85% MAGNESIA-COMP.** Powder and Plastic Pastes *(LAGGIT BRAND) — Lagging Boilers and Steam Pipes
6. ● **ASBESTOS FIBRES AND POWDER** — General Insulation
7. ● **POTASSIUM CHLORIDE & CHLORATE** — For Fertiliser, Match Manufacture and Bichromates, etc.
8. ● **KAINITE** — Potash Manure Fertiliser
9. ● **BROMINE** — Photography and Pharmaceuticals

Registered Head Office : **CHARTERED BANK BUILDING, FORT, BOMBAY 1**

Works at : **KHARAGHODA**

Managing Director : **B. S. LALKAKA,** B.A.

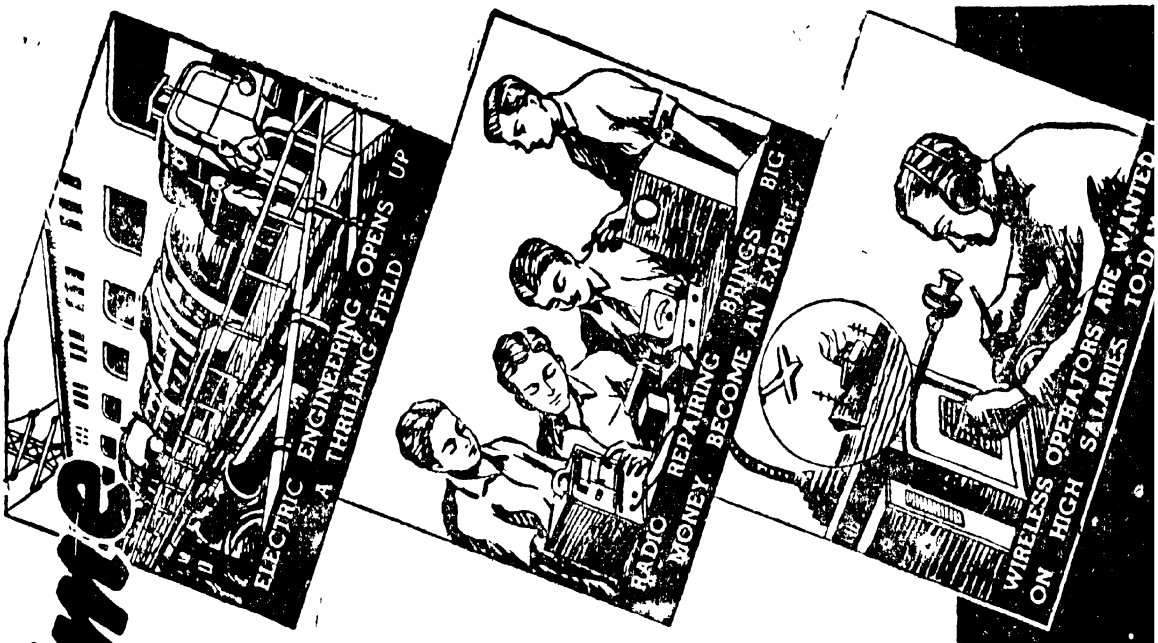
Manager & Secretary of the Company : **F.R. MOOS,** B.A., D.COM.(I.M.C.), A.C.I.S. (Lond.)

Sales Offices and Selling Agents : **Head Office at BOMBAY**

CAWNPORE — AHMEDABAD — CALCUTTA — INDORE

Now is the Time

EQUIP FOR A CAREER OF SUCCESS AND EARN BIG MONEY



BRIGHT PROFIT-MAKING OPPORTUNITIES

NEVER have there been more opportunities for students than today to equip for a career of success in a new field with practically unlimited possibilities. Brilliant prospects await technically trained men these days.

Young men 18 and 20 years of age are making profits in hundreds every month in Radio Industry. R. E. I. training has enabled them to do that. You must enrol soon. You too have a chance Radio Industry is almost in its infancy today and hundreds of technical men can be absorbed.

MAKE REI YOUR TRAINING GROUND

R. E. I. courses are intensive—thorough in theory and practicals. A thousand odd students from different parts of India have already graduated from R. E. I. and are employed today as Technical Assts., Officers-in-Charge, Radio Engineers, Radio Officers, etc. in Govt., State & Private services. You too can qualify for such a career. Do it now.

Radio Engineering, Electrical Engineering, A. M. I. E. E., Wireless Telegraphy are approved courses and can be studied best at R. E. I. the leading Institute in India for Radio subjects.

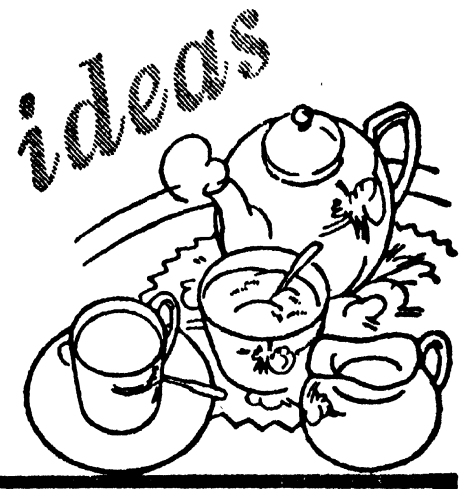
GOVT CERTIFICATES — INST DIPLOMAS
HOSTELS ATTACHED

RADIO ELECTRIC INSTITUTE

LAMINGTON CHAMBERS, BOMBAY 4.

STIMULATING

Why do scholars, writers and thinkers—indeed, all intellectual workers depend so much on tea? Because it is from tea they get their inspiration and to which they turn for mental stimulation. Of all beverages tea has that unique quality which stirs the imagination and helps clear thinking. Get your stimulating ideas from tea.



HOW TO PREPARE TEA: Boil fresh water. Warm up a clean pot. Put in one teaspoonful of good Indian tea for each person and one spoonful extra. Immediately the water boils pour it on the tea. Let the tea brew for five minutes; then pour it into cups adding milk and sugar.

INDIAN TEA

the Universal Beverage

INSERTED BY THE INDIAN TEA MARKET EXPANSION BOARD IK 147V

Printed by V. R. SAVANT
at the Associated Advertisers &
Printers, Ltd., 505, Arthur Road,
Tardeo, Bombay 7,

and

Published by
SHEWAK BHOJRAJ,
Editor,
Bombay University Bulletin,
University of Bombay,
Fort, Bombay